Braden**Licastro**
Information Security Analyst

Contact

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Areas of Expertise

Network Security

Virtualization

Controls Automation

Project Management

Computer Networking

Preventative Maintenance

Diagnostics

Microsoft, Apple, Unix Operating Systems

Personal Skills

Attention to Detail

Determined

Self-Motivated

Hard Working

Strong Leadership Ability

Languages

English

Spanish notions

Biography

Full Name: ████████████████
Website: www.bradenlicastro.com
Date of Birth: ████████████
Place of Birth: ████████
Nationality: ██████
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Objective

To secure a position at a progressive company that will provide the opportunity to utilize my skills to maximize productivity and efficiency ensuring the success of the company.

Personal Summary

I am a bright, ambitious, self-motivated individual with a strong, well-rounded technical background allowing me to work in a wide variety of environments. I also have the ability to maintain highly effective working relationships with other teams; this is due to a passionate personal drive to deliver work that exceeds the expectations of colleagues through a positive, well-structured, and optimized work ethic. In addition to this, I am committed to my work and keep up to date with the latest developments in my field, continually furthering my abilities.

Credentials and Certifications

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🔖 **Dell Certified Technician - Desktop, Laptop, Server**   Expires: July 2, 2018

Education

Masters of Information Technology   **Carnegie Mellon; Pittsburgh, PA**
August 2017 - Present
   Track: Information Security & Assurance
   Related Coursework:
      Database Management, Information Security Risk Management I, IT Project Management

Bachelors of Computer Science   **August 2010 - December 2014**
Allegheny College; Meadville, PA
   Minor: Economics
   Related Coursework:
      Data Structures, Principles of Computer Organization, Programming Language Concepts, Analysis of Algorithms, Artificial Intelligence, Principles of Database Systems, Data Communication and Networks, Compiler Design, and Computability Theory

Small Engine Repair   **June 2005 - July 2005**
Westmoreland County Community College; Youngwood, PA

Programming Skills

Web Development:
  HTML5, JavaScript, PHP, XHTML, XML

Languages:
  Bash, C, C++, Java, LATEX, PowerShell, Processing, Python, Scheme, VB6, VB.net

Other Skills:
  Strong debugging and troubleshooting skills. Experience with several version control and software distribution systems. Proficient in creating hardware using integrated micro-controllers.

Related Work Experience

July 2016 – Present

Information Security Analyst
Software Engineering Institute, Carnegie Mellon University; Pittsburgh, PA
Responsibilities:
  • Administrator of enterprise Information Security Systems not limited to NetFlow, IDS, and security appliances.
  • Responsible for analyzing and auditing data generated by IS systems.
  • Aided in the development and enforcement of security best-practices and recommended procedures.
  • Collaborated with SEI research programs to integrate and leverage their research in enterprise-scale applications.
  • Work to create and maintain secure cutting-edge research environment.
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Key Achievements:
  • Created documents and scripts that streamlined procedures allowing for increases in productivity and consistency of data input.
  • Assisted with configuration of Splunk dashboards and queries used to analyze network trends identifying anomalies and security issues.

May 2015 – July 2016

IT User Services Associate
Software Engineering Institute, Carnegie Mellon University; Pittsburgh, PA
Responsibilities:
  • Provided first-line phone and walk-in support to Windows, Linux, and Mac end users.
  • Wrote and maintained Windows and Mac system administration scripts.
  • Repaired computing hardware not limited to Macs, desktops, laptops, and printers as Dell Certified Technician.
  • Acted as intermediary for troubleshooting and resolutions between users and other IT teams.
  • Created and maintained detailed IT documentation.

Key Achievements:
  • Implemented procedures and systems to better enable fast turn-around on system deployment and updating.
  • Deployed data recovery and forensic imaging stations to archive data following employee departure.

February 2015 – May 2015   **Technical Professional Business Process Analyst**
ABB High Voltage; Mount Pleasant, PA
Responsibilities:
- Maintained Quality Data Management System and other proprietary critical software systems.
- Ensured proper functionality of facility server room and supervised system upgrades.
- Supported other miscellaneous facility technology hardware while providing user support, troubleshooting, and training.

Key Achievements:
- Managed refresh of engineering plotters including hardware installation, configuration, and code updates adding support for new printer to internally developed software.
- Collaborated with various teams to build software specifications and documentation allowing for the future migration from internally developed systems to SAP.

May 2014 – August 2014   **IT Systems Engineering Intern**
Software Engineering Institute, Carnegie Mellon University; Pittsburgh, PA
Responsibilities:
- Created and maintained Powershell scripts to assist with day to day network administration tasks; included accompanying documentation.
- Converted Word report templates to LATEX by creating custom template packages; Maintained code and created documentation for future maintenance and usage.
- Utilized Splunk to analyze data and build custom dashboards capable of reporting real time network statistics. This includes web, mail, and VPN statistics.

Key Achievements:
- Created account management scripts to improve speed and ensure integrity of Active Directory account related maintenance tasks.
- Developed several Splunk dashboards used to analyze network trends and identify anomalies at a glance.

June 2013 – November 2013   **Technical Professional Intern**
ABB Power Products High Voltage; Mount Pleasant, PA
Responsibilities:
- Performed day to day IT support functions such as assisting with maintenance and troubleshooting of IT equipment including network hardware, personal computers, and production floor electronics
- Maintained function of conference room audio visual and wireless communication equipment and upgraded communication equipment where requested.
- Created and updated key manufacturing process Standard Operating Procedures.
- Assisted with the research and completion of several production improvement projects.

Key Achievements:
- Managed full server room upgrade including removal of H_2O fire suppression system and installation of a 3M Novec 1230 Sapphire Fire Suppression System, 2.5hr Eaton UPS, electrical utility upgrade and full wire and wire management system retrofit.
- Completed plant-wide initiative to replace wooden production carts with structural aluminum units.
- Researched and implemented a Helium-Nitrogen gas leak detection system required for the final product inspection.

June 2012 – January 2013   **Technical Professional Intern**
ABB Power Products High Voltage; Mount Pleasant, PA
Responsibilities:
- Performed day to day IT support functions such as assisting with maintenance and troubleshooting of IT equipment including network hardware, personal computers, and production floor electronics.
- Restored and maintained the function of all facility conference room Audio Visual and wireless communication equipment.
- Assisted with the programming and upgrading of internally maintained computer software applications.

Key Achievements:
- Managed and completed full renovation of facility conference rooms including installation of (5) large format LED displays and associated network communication systems.
- Installed facility-wide secure customer and vendor wireless internet access.
- Assisted with installation and setup of new Kronos time clock system in Mount Pleasant and Greensburg facilities.

March 2011 – May 2011   **Contracted Assembler Intern**
Northwest Tri-County Intermediate Unit #5; Edinboro, PA
Responsibilities:
- Assembled, adjusted, and tested Smart computer systems.

Key Achievements:
- Assembled, adjusted, and tested the function of numerous mobile Smart brand interactive whiteboards with integrated video projection and audio systems.

April 2007 – Present	**Co-Owner/Software Developer**
	FullForce Applications; Pittsburgh, PA

April 2007 – Present

Co-Owner/Software Developer
FullForce Applications; Pittsburgh, PA
Responsibilities:
- Performed day to day business and publicity management operations.
- Established, designed, and maintained a company website.
- Co-developed and maintained all software and website content.

Key Achievements:
- Planned and developed several software applications, most notably the Body Composition Calculator Suite.
- Repurposed website to act as a technology blog; released all hardware and software products as open source.

Fall 2006 – Fall 2007

Technology Assistant
Greater Latrobe School District IT Department; Latrobe, PA
Responsibilities:
- Maintained teacher, student, and public computers, printers, and Smart brand devices.
- Performed computer lab maintenance including machine imaging, updating, and virus removal.

January 2004 – Present

Owner/Technology Specialist
QuoTek Computing, Pittsburgh, PA
Responsibilities:
- Performed day to day business management operations.
- Established and designed a company website and documentation.
- Repaired customer computers and network hardware.
- Designed and installed residential networks.

Key Achievements:
- Regularly performed computer repair, network setup and troubleshooting, and installation of custom home networks.
- Set up several home servers and Leviton Structured Media Systems.

Work Experience

July 2011 – Present

General Laborer
Ligonier Concrete and Lime Construction Company; Latrobe, PA
Responsibilities:
- Mastered operation of several pieces of heavy machinery including Bulldozers and Backhoes.
- Completed miscellaneous tasks at construction yard and acted as farmhand at the company farm and quarry.

Key Achievements:
- Mastered operation of several pieces of heavy machinery.
- Learned safety and quality protocol for various work environments in commercial construction environments.

October 2013 – December 2014

Student Assistant / Technology Adviser
Department of History, Allegheny College; Meadville, PA
Responsibilities:
- Provided secretarial and clerical support to department. These tasks included but were not limited to mail handling, greeting visitors, answering phones, maintaining office and classroom supplies, and making copies.
- Maintained the department website including content, layout, and minimizing impact of spam.

Key Achievements:
- Reorganized and updated the department's website for upcoming 2015 college accreditation evaluation and bicentennial.

January 2012 – December 2014

Photography Assistant
Department of Art, Allegheny College; Meadville, PA
Responsibilities:
- Maintained darkroom facility and all accompanying equipment.
- Ensured chemicals are properly mixed and available to students.
- Assisted students with darkroom techniques and assignments.

Key Achievements:
- Repaired numerous darkroom enlargers and assisted with the initial setup and configuration of a new dark room facility.

February 2011 – December 2014

Career Peer Adviser
Career Services, Allegheny College; Meadville, PA
Responsibilities:
- Provided secretarial and clerical support to the office. These tasks included but were not limited to mail handling, greeting visitors, answering phones, scheduling appointments, and making copies.
- Created marketing materials for campus events using both traditional and digital methods of advertising.
- Assisted students with the creation and revision of professional documents.

Key Achievements:
- Developed an organizational system for marketing projects and other assignments to ensure consistency, effectiveness, and reliability.

Publications

Approximate Algorithmic Image Matching to Reduce Online Storage Overhead of User Submitted Images
May 2014, *Allegheny College*
https://www.bradenlicastro.com/srthesis

Additional Skills

Proficient at small and medium gasoline engine repair, low and medium voltage electrical, data networking, plumbing, gas work, HVAC, woodworking, and vehicle repair. Well versed with hand tools, electrical multi-meter usage, soldering, flux brazing, arc welding and other mechanical and electrical troubleshooting/repair.

Affiliations and Awards

April 2014	☀ Allegheny Student Chapter Prize in Computer Science
June 2010	☀ Excellence in Communication and Technology Award
May 2010	☀ Trib Total Media Outstanding Young Citizen