

Experience

- **ASRC Federal Mission Solutions** **Moorestown, NJ**
Software Engineer, Display Systems *Jun 2018 – Present*
 - Worked on an Independent Research and Development (IRAD) project that experimented with map and graphic updates to the Tactical Situation (TACSIT) display.
 - Developed scripts that aided in converting the department build system to CMake which drastically reduced build times and improved build stability.
 - Participated in a Pair Programming pilot that doubled as an opportunity to mentor a new employee.
 - **MCG Strategic** **Marlton, NJ**
Software Engineer *Feb 2017 – May 2018*
 - Lead backend developer and maintainer of client websites, web apps, and mobile apps.
 - Contributed to the creation of engineering process best practices to strengthen development and QA workflow (deploying via Git, Bitbucket/JIRA integrations, Slack integrations).
 - Designed and implemented internal automation tools that include an app build/delivery system and a weekly time report generation system.
 - **ASRC Federal Mission Solutions** **Moorestown, NJ**
Software Engineer, Display Systems *Mar 2015 – Feb 2017*
 - Designed, developed, and tested solutions in CMMI Level 5 for the U.S. Navy's real-time, mission critical Aegis Ballistic Missile Defense (BMD) system (intern from Mar – May 2015).
 - Nominated as a mentor to help new employees adjust to their position.
 - Lead developer of the display system for the Littoral Combat Ship's (LCS) SeaRAM weapon system.
 - **Rowan University** **Glassboro, NJ**
Web Developer, History Department *Nov 2013 – May 2015*
 - Updated and maintained the History Department's website.
 - Network Assistant, Network & System Services* *Jul 2014 – Sept 2014*
 - Installed and maintained network infrastructure across the Glassboro campus.
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Education

- **Rowan University** **Glassboro, NJ**
Bachelor of Science, Computer Science *Sept 2011 – May 2015*
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Technical Skills

- Experience developing Desktop and CLI applications using: C++, Java, Python, C#.
- Experience developing Websites, Web Apps, and APIs using: LAMP stack (Linux, Apache, MySQL, PHP), Flask (Python framework), Aqueduct (Dart framework), JavaScript (jQuery, Angular, Node, Vue).
- Experience developing native Android apps (Java) and hybrid mobile apps (Apache Cordova).
- Experience using relational (MySQL, MariaDB, PostgreSQL) and NoSQL (MongoDB, Firebase) databases.
- Experience with concrete5, WordPress, and Drupal Content Management Systems (CMSs).
- Experience writing Bash and Python scripts to automate processes and aid in development.
- Experience as a member of Agile and Kanban teams utilizing JIRA to track issues.
- Experience with Git, ClearCase, and Subversion version control.
- Experience debugging software with visual debuggers and the command line GNU debugger (GDB).
- Very comfortable with Windows, macOS, and Command Line Interfaces (Unix, Linux, Solaris).
- Experience installing, maintaining, and relocating data center hardware.