

Christopher Frost

EDUCATION: **Stevens Institute of Technology**, Hoboken, NJ
Master of Science in Computer Science, May 2018
Bachelor of Engineering in Computer Engineering, May 2018
GPA: 3.825 | 3.871; **Honors/Awards:** Four-Year Masters, Scholars Program

Course Work: Computer Algorithms & Data Structures, Agile Methods for Software Development, Database Management Systems, Information Systems Engineering

SKILLS: **Languages:** *Fluent:* HTML5, CSS3/SCSS, JavaScript, C++
Working Knowledge: React.js, jQuery, Python, Swift, Java, and SQL
Software: Docker, AWS, Git, SVN, Eclipse, VSCode, Xcode
Operating Systems: macOS, Windows, Linux
Certifications: AWS Certified Cloud Practitioner

PROJECTS: **Personal Projects**

Portfolio Website - ChrisFrost.dev May 2020 - Present

- Wrote and designed a website to house current projects, skills, certifications, and more. Intended to be a living document as my abilities progress.
- Structured content with HTML5 tags, focusing on readability and accessibility.
- Followed SCSS best practices to organize styles, emphasizing reusability and responsive design.
- Implemented custom animations for an interactive experience.

OpenWRT Companion App (iPhone) January 2018 - May 2018

- Utilized MVC architecture pattern to structure code and keep a clean design.
- Developed an iOS application to work alongside custom OpenWRT router firmware.
- Designed intuitive GUI to visually represent and control connections within a home network.

WORK HISTORY: **CACI** (formerly LGS Innovations), Florham Park, NJ July 2018 - Present
Software Engineer I

- Contributed to wireless communication software. Added features to the C++ service, which include major release features, as well as minor bug fixes and enhancements.
- Integrated numerous APIs into the service, writing custom plugins for each.
- Observed and handled large amounts of data (hundreds of MB) each second, writing efficient processes to read in, process, and write to disk in real time.
- Utilized Google Web Toolkit (Java), to create beautiful user interfaces, and an intuitive user experience.
- Leveraged Google's Protocol Buffers to establish communication and transfer information through the software stack.
- Utilized Subversion to collaborate with a team of more than 50 individuals. Gained intimate knowledge of version control systems, and how to use them effectively.
- Designed UI and service feature tests with the Python unittest framework.