

Christopher Gallarno
(703) 447-0026 • cgallarno200@gmail.com • <https://chrisgallarno.dev>

Education

George Mason University (BS Computer Science) May 2020

- GPA: 3.82
- Coursework: Algorithms, Data Structures, Software Testing and Maintenance, Secure Programming, AI, Data Mining, Compilers, Web Development

Experience

Software Engineer at Northrop Grumman, Fairfax, VA, Jan 2019 – Present

- Developed distributed **Go** microservices for a biometric identification system running on **AWS**
- Developed tools in **Python** and **Go** to do performance tests to locate bottlenecks and efficiency issues
- Restructured parts of the system to improve latency and complexity utilizing performance metrics
- Improved the speed of a critical workflow by 5 times, bringing response times into a 3 second response time SLA (Service Level Agreement)

Software Intern at Northrop Grumman, Fairfax, VA, May 2018 – August 2018

- Supported the development of a Cloud Migration application under the Cloud Enablement IRAD (Independent Research and Development)
- Developed a new **Java Spring/Angular** application based on an application migration framework
- Came Second out of Five teams in the Intern Olympiad debugging competition
- Participated in **Agile/Scrum** training

Teaching Assistant at George Mason University, Fairfax, VA, Jan 2018 – May 2018

- Provided support to students in Data Structures implemented in **Java**
- Received the outstanding teacher's assistant award

Skills

Programming

- Proficient: Go, Java, Docker, Git
- Advanced: HTML, CSS, JavaScript, TypeScript, React, Maven/Gradle, Spring, REST, C
- Basic: VueJS, Angular

Databases

- Postgres, Firebase, MongoDB

Projects

Drawn Together, Team Lead, April 2019 (<https://dt.chrisgallarno.dev>)

- Developed a Pictionary inspired drawing web-game using **React**, where teams competed to guess drawings in real-time
- Utilized **Firebase's Firestore** for real-time updates to game matches, and synchronized drawings
- Used **Firebase's Functions** for backend functionality to support anonymous players and initializing matches

Awards

Eagle Scout, January 2018

- Organized and led 15 volunteers in a service project to restore a school garden