Adam **Chao**

SOFTWARE ENGINEER

✉ adam@adamchao.me | ⌂ https://adamchao.me

Skills

Java, HTML, CSS, JavaScript, Git/SVN, C++, Networking/Web, Graphic Design, JIRA/Agile

Work Experience

Northrop Grumman Corporation   *San Diego, California*
SOFTWARE ENGINEER   *Aug. 2017 - PRESENT*
- Frontend Java development, software integration on test hardware
- Other software/system integration, software/system characterization, software/system test

Northrop Grumman Corporation   *San Diego, California*
COLLEGE INTERN TECHNICAL   *Jun 2016 - Sep 2016*
- Wrote and reviewed technical system requirements
- Developed a Java service to monitor a physical switch via Modbus over IP and signal a command
- Developed a C++ program to set the internal system time of an embedded system via NTP

Northrop Grumman Corporation   *San Diego, California*
COLLEGE INTERN TECHNICAL   *Jun 2015 - Sep 2015*
- Developed a Java AIS simulator and a Sonobuoy message generator
- Migrated and tested proprietary internal software features to new codebase
- Developed MTI markers on a map using Java WorldWind and STANAG S4607 messaging

Northrop Grumman Corporation   *San Diego, California*
COLLEGE INTERN TECHNICAL   *Jun 2014 - Sep 2014*
- Designed and developed a Java/JavaFX GUI and Java server backend scaffold

Northrop Grumman Corporation   *San Diego, California*
HIGH SCHOOL INVOLVMENT PARTNERSHIP (HIP) INTERN   *Jan 2013 - May 2013*
- Improved existing Java code to SonarQube standards
- Developed icon templates to efficiently create many icons variations
- Developed Java unit tests for iconography conversion for maps

Education

University of California, Riverside   *Riverside, California*
B.S. IN COMPUTER SCIENCE   *Class of 2017*

Extracurricular Activity

rhoCode Consulting   *San Diego, California*
CONSULTANT, CO-FOUNDER
- Frontend designer and consultant, personal projects

Personal Projects
DEVELOPER
- Design, maintenance, and server administration for various personal websites and servers.
- Developed a frontend web interface to prompt and display results for a dining out decision helper (Winner of Cutie Hack 2016's Business Award)
- Develop various personal projects with Node.js, HTML, CSS, JavaScript, Jekyll

Certifications

Security+
CompTIA   *Mar 2018*