

AdamChao - Student

adam@adamchao.me - http://adamchao.me

Education

June 2017 **B.S. Computer Science**
University of California, Riverside

Riverside, CA

Skills

HTML, CSS, Java, JavaScript, C++, Graphic Design, Microsoft Office, Microsoft Windows, Linux, IIS, Apache, Bootstrap

Technical Experience

- Jan. – May 2013 **Northrop Grumman Corporation** San Diego, California
High School Involvement Program Intern - Firebird Ground Control Segment (GCS)
- Created templates to efficiently create user interface icons displayed in a status panel
 - Configured proprietary mapping software for use with Global Mapper to create map layers with imagery
 - Created utilities and unit tests to convert Cursor on Target data to standard NATO Symbol Identification Codes and to send position information to FalconView
- Jun. – Sep. 2014 **Northrop Grumman Corporation** San Diego, California
College Intern Technical - Medium Range Tactical Systems (MRTS) Control Segment
- Designed a JavaFX GUI for a communication demonstration designed with SceneBuilder, FXML, CSS, and custom icons
 - Created a Tomcat based Java servlet to receive JSON messages through a REST service to parse and translate to a standard message type output to control communications
 - Learned Jira to track Agile style development cycles
- Jun. – Sep. 2015 **Northrop Grumman Corporation** San Diego, California
College Intern Technical - Medium Range Tactical Systems (MRTS) Control Segment
- Created a Java-based AIS simulation and Sonobuoy message generator for display
 - Proprietary internal software feature migration to new software codebase
 - Used Java WorldWind mapping library and STANAG S4607 messaging to draw MTI hits

Personal Work

- Ongoing **rhoCode Consulting**
Frontend Designer
- Consultant at rhoCode Consulting (rhoCode.com)
 - Designed residential listing website for college students (Res-Ex.net)
- Ongoing **Online**
Webmaster
- Design and maintenance of personal website
 - Designed and maintenance gaming community website
 - Designed non-profit organization website (Tzu Chi Foundation San Diego)
- 2011-2012 **Mt. Carmel High School Robotics Club** San Diego, California
President, Co-founder
- Managed progress of teams and ensured members stayed on task
 - Created rules and guidelines to be used as future reference for club members

Additional Information

- 2012 **Eagle Scout** Boy Scouts of America
- 2014 **Active Secret Level Security Clearance** United States Government