Adam**Chao** - Student

adam@adamchao.me – http://adamchao.me

Education

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

Skills

HTML, CSS, C++, Java, JavaFX, JavaScript, 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