

# Adam Chao - Student

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## Education

June 2017

**University of California, Riverside** – *Riverside, California*  
*Undergraduate Computer Science*

## Skills

Java, HTML, C++, CSS, JavaScript, C, Git/SVN, Graphic Design, Microsoft Windows, Linux, JIRA/Agile, IIS, Apache

## Technical Experience

Jun – Sep 2015

**Northrop Grumman Corporation** – *San Diego, California*

*College Intern Technical - Medium Range Tactical Systems (MRTS) Control Segment*

- Created a Java-based AIS ship simulator and a Sonobuoy message generator
- Migrated and tested proprietary internal software features to new codebase
- Used the Java WorldWind library and STANAG S4607 messaging protocol to draw MTI hits on a map

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 software demo using SceneBuilder, FXML, and CSS
- 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 various services
- Utilized JIRA to track Agile style development cycles

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

## Additional Experience

Ongoing

**rhoCode Consulting** – *San Diego, California*

*Consultant, Co-founder*

- Frontend designer and consultant – rhoCode.com
- Designed residential listing website for college students – Res-Ex.net

Ongoing

**Projects** – *Various*

*Various*

- Design, maintenance and server administration of personal website and server
- Created a Node.js server to process browser geolocation to return current temperature
- Created an Android app using ArcGIS API during the Citrus Hack Hackathon
- Design and maintenance of a gaming community website
- Designed non-profit organization website

## Additional Information

2012

**Eagle Scout** – *Boy Scouts of America*

2014

**Active Secret Security Clearance** – *United States Government*