# Adam Chao - Student
adam@adamchao.me – http://adamchao.me

## 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 2016    **Northrop Grumman Corporation** *– San Diego, California*
*College Intern Technical - Tactical Autonomous Systems (TAS) Control Segment*
· Currently in progress

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 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 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 frontend web interface to display and provide logic for a restaurant chooser (Won Cutie Hack 2016 Business Award)
· 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*