

# AdamChao

Student

## Contact

Please contact for additional information  
me@adamchao.me  
http://adamchao.me

## Skills

HTML, CSS, C++, Java, JavaFX, Microsoft Office, Microsoft Windows, Video Editing, Graphic Design, JavaScript

## Education

June 2017

### B.S. Computer Science

University of California, Riverside

Riverside, CA

## Technical Experience

Jan. – May 2013

### Northrop Grumman Corporation

San Diego, California

*High School Involvement Program Intern (HIP)* Firebird UAS Ground Control System (GCS)

- Used SonarQube to identify, fix and improve existing Java code based on Java standards
- Created templates to efficiently create user interface icons displayed in the status panel
- Configured proprietary mapping software for use with Global Mapper to create map layers with imagery
- Used Cursor on Target (CoT) to send position information to FalconView
- Created utilities and unit tests to convert CoT data to standard NATO Symbol Identification Codes

Jun. – Sep. 2014

### Northrop Grumman Corporation

San Diego, California

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

- Created a graphical user interface for a sector-wide common communication architecture demonstration designed with SceneBuilder, FXML, CSS and custom icons and written in JavaFX which sends JSON messages through a REST service
- Created a Tomcat based Java servlet to receive JSON messages through a REST to parse and translate to a standard message type to control a radio
- Used Jira to track Agile style development cycles

## Personal Work

Ongoing

### Organizations/Projects

*Webmaster*

- Consultant at RhoCode Consulting (RhoCode.com)
- Designed residential listing website for college students (Res-Ex.net)
- Custom designed personal website
- Designed non-profit organization website (Tzu Chi Foundation San Diego)
- Designed gaming community website (AuroraServer gaming community)

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
- Supervised the club's financial aspects

## Additional Information

2012

### Eagle Scout

Boy Scouts of America

2014

### Active Secret Level Security Clearance

United States Government