AdamChao
Student

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

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

education

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

technical experience

Jan. 2013 – 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. 2014 – 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

Various Organizations
Webmaster
- Residential listing website designed for college students (Res-Ex.net)
- Non-profit website (Tzu Chi Foundation San Diego)
- Gaming community website (AuroraServer gaming community)
- Personal website

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
	Received Eagle Scout Award	
2014	**Interim Secret Security Clearance**	