

EDUCATION

University of California, San Diego

Bachelor of Science (BS) in Computer Engineering

- **Major:** Computer Engineering
- **GPA:** 3.71/4.00
- **Provost Honors:** Fall Qtr 2013, Winter Qtr 2013,2015, Spring Qtr 2013,2014,2015
- **Course Highlight:** Advanced Data Structure, Design and Analysis of Algorithm, Software Engineering, Artificial Intelligence, Advanced Digital System Design, Database Principle, Signal and System, Computer Organization and System Programming

WORK AND RESEARCH EXPERIENCE

Undergraduate Research Assistant

April 2015 - Present

- Working with Prof. Yannis Papakonstantinou for development of FORWARD framework
- Developed build system for FORWARD to allow multiple developers' interaction.
- Developed the visualization using AngularJs and ReactJs to compare their incremental rendering with FORWARD
- Project Github: <https://github.com/qfu>

Undergraduate Research Project Developer

September 2015 – Present

- Working with Prof. Nadir Weibel for the Avant-Garde Project
- Developed better data visualization tool for the medical Researcher
- Project URL: http://pircddata.ucsd.edu/viz/avant_data

Industrial Internship

October - December 2015

- Working at the American Specialty Health Inc. at San Diego as UI Designer
- Focus on the front-end Web development with more straightforward data representation

Undergraduate Teaching Assistant

February - April 2015

- Held discussion session and office hour to help students with conceptual and homework problem
- Graded the midterm-exam and final-exam
- Course: CSE20/MATH 15A with Prof. James at UCSD

Undergraduate Tutor

July - August 2015

- Provided Tutorship with students for CSE30 with Prof.Mirza
- Graded the Programming assignment and Exams

SKILLS

Programming Language: Java, C, C++, ARM, MIPS Assembly, JavaScript, Matlab, Python, Ruby

Front-End Web Development: HTML5, CSS3, Bootstrap, JQuery, AngularJs, ReactJs, FORWARD

Back-End Web Development: NodeJs+ MongoDB, Rails + MySQL/PostgreSQL,JDBC

Computer Vision: OpenCv

Hardware: Verilog (HDL), SystemVerilog

IDE: Eclipse, Webstrom, Visual Studio

Others: JSP, Microsoft Office, Webpack, NPM

OS: Mac Os, Windows, Linux