

SHIVAM SHARMA

SKILLS

- Java
- JavaScript
- Node.js
- React
- Angular
- ASP.NET
- PHP
- HTML
- CSS
- MATLAB
- Visual Basic
- Python
- PostgreSQL
- MySQL

AWARDS

- Winner of Booz Allen Hamilton Cyber and Bio-Tech Hackathon
- Finalist of UCSD EWH HealthHack
- UCSD Town and Gown Scholar
- Celestial Masonic Lodge Scholar
- Westwood Rotary Club's John F. Holden Memorial Scholar
- Roche Brothers Scholar
- AFCEA Fellow

LEADERSHIP

- Triton Engineering Student Council, Technical Team Lead, June 2016 – Present
- Project RISHI, Vice President, July 2016 – Present
- SangamSD, Technical Chair, April 2015 – Present
- Project RISHI, Webmaster, July 2015 – June 2016
- Society of Asian Scientists and Engineers, President Intern, October 2014 – June 2015

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EXPERIENCE

INCOMING ENGINEERING INTERN, LINKEDIN

June 2017 – September 2017 in Sunnyvale, CA

- Working on the LinkedIn at Work team

INCOMING ENGINEERING INTERN, VMWARE

April 2017 – June 2017 in Palo Alto, CA

- Working on the NSBU team within VMware NSX

SOFTWARE ENGINEERING INTERN, EARNEST

June 2016 – September 2016 in San Francisco, CA

- Developed a Feature Flag and A/B Testing Platform designed to aid in unified or partial rollouts of new features to certain audiences, and measure their success through a singular micro-service.
- RESTful API was created using a hapi.js server overlaid on Node.js with a PostgreSQL database, and a custom module to track A/B statistics via Optimizely; this was paired with an administrative front end written in React with Okta OAuth2 authentication for privileged tasks.

WEB DEVELOPER, RADY SCHOOL OF MANAGEMENT

January 2016 – Present in La Jolla, CA

- I create, revise, and maintain webpages featured on the Rady School of Management website and lead development of the new Rady School mobile applications.
- This work involves implementing changes as well as generating new web content using HTML, CSS, XSLT, Velocity and JavaScript as well as Swift for the upcoming iOS Application.

SOFTWARE ENGINEERING INTERN, THERMO FISHER

June 2015 – September 2015 in Carlsbad, CA

- Developed a real time data gathering and aggregation application in ASP.NET for management to track the overall progress of their respective departments
- Created scripts to aid in workflow automation by pulling desired information and formatting it into reports

SOFTWARE ENGINEERING INTERN, DRAPER LABORATORY

June 2014 – August 2014 in Cambridge, MA

- Designed and developed MATLAB scripts to aid in the collection and analysis of data from accelerometers and gyroscopes used in the Trident Ballistic Missile Program
- Created algorithms for accelerometer data processing in Draper's Florida production facility to address a major production level problem preventing product shipment to the Navy



EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

University of California, San Diego — 2014-2018 (anticipated)

Related Coursework: Basic Data Structures, Advanced Data Structures, Intro to Object Oriented Programming: Java, Operating Systems, Natural Computation, Computer Architecture, Software Engineering, Computer Organization and Systems Programming, Design and Analysis of Algorithms