

EDUCATION

University of California, San Diego | *Expected Graduation – June 2018*

La Jolla, CA, 92093

- B.S. in Computer Engineering
- Related Coursework: Intro to Computer Science and Object Oriented Programming: Java, Basic Data Structures and Object-Oriented Design, Computer Organization and Systems Programming, Mathematics for Algorithm and Systems Analysis, Principles of Computer Operating Systems, Advanced Data Structures, Natural Computation

WORK EXPERIENCE

Earnest, Software Engineering Intern | *June 2016 – September 2016*

1455 Market St, San Francisco, CA 94103

- 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.

Rady School of Management, Web Developer | *January 2016 – Present*

9500 Gilman Dr, La Jolla, CA 92093

- 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, and JavaScript as well as Swift for the upcoming iOS Application.

GoShare, Web Development Intern | *December 2015 – February 2016*

101 W. Broadway, San Diego, CA 92101

- Worked on fully redesigning the GoShare website in coordination with the GoShare team.
- This involves generating and editing content using HTML, CSS, JavaScript, and PHP, as well as having working with MySQL.

Thermo Fisher Scientific, Software Engineering Intern | *June 2015 – September 2015*

5781 Van Allen Way, Carlsbad, CA, 92008

- 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

Sugihara Lab, Web Developer | *September 2014 – Present*

Scripps Institution of Oceanography, La Jolla, CA, 92093

- Developing a website to serve as a showcase for the Sugihara Lab's work in the quantitative analysis of marine species.
- In charge of the website design, server maintenance, generating and revising webpages, and all media featured on the new Sugihara Lab website.

Draper Laboratory, Software Engineering Intern | *June 2014 – August 2014*

555 Technology Square, Cambridge, MA 02139

- 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.

Student Technology Assistance Team, Intern | *September 2013 – June 2014*

Westwood High School, Westwood, MA, 02090

- Provided help and support to both students and teachers in troubleshooting and solving computer problems.
- Started development of student website, WPSStudents.org, to showcase school clubs and organizations.

SHIVAM SHARMA

12624 Carmel Country Rd #88, San Diego, CA 92130

Website: <http://shivam.info> Phone: 774-417-7506 Email: sdsharma@eng.ucsd.edu

Dhamaal Dance Academy, Webmaster and Media Manager | *July 2012 – May 2014*

Burlington, MA, 01803

- Created website for Dhamaal Dance Academy to showcase dance school offerings.
- In charge of the website design, generating and revising webpages, and all media featured on *DhamaalDanceAcademy.com*.

Westwood Technology, President/Founder | *August 2010 – June 2014*

Westwood, MA, 02090

- Created Westwood Technology, a community oriented technological education organization that creates volunteer opportunities for students, free technology classes, and online resources.

LEADERSHIP

Triton Engineering Student Council, Technical Team Lead | *June 2016 – Present*

Project RISHI – UCSD Chapter, Vice President | *July 2016 – Present*

Project RISHI – UCSD Chapter, Webmaster | *July 2015 – June 2016*

SangamSD, Technical Chair | *April 2015 - Present*

Society of Asian Scientists and Engineers – UCSD Chapter, President Intern | *October 2014 – June 2015*

SKILLS

- Programming Experience: Java, MATLAB, Python, Visual Basic
- Web Development: HTML, PHP, CSS, JavaScript, MySQL, Apache, ASP.NET, React, Angular, Node.js