

Vikram Sreedhar

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Education

2014-present

Stanford University

Palo Alto, CA

- Class of 2018, B.S. Candidate, Computer Science
- Overall GPA: 3.4/4.0
- Relevant Coursework:
CS106A: Programming Methodology in Java CS107: Computer Systems
CS106B: Programming Abstractions in C++ CS42: Contemporary Javascript
CS103: Mathematical Foundations of Computing

Experience

June 2015-present

Full Stack Developer

Stanford, CA

Freelance Web Developer, Part-Time

- Responsible for designing and coding dynamic websites, from layout to function and according to a client's specifications.
- Created visually appealing sites that feature user-friendly design.
- Worked with client-side Javascript and HTML, server-side API's, and back-end data processing.

June 2015-September 2015

SURI Research Intern

Stanford, CA

Research Intern for Stanford's Mechanical Engineering Department

- Learned and utilized a specialized language for molecular dynamic simulations.
- Generated computer models for measuring tension and potential energy of atoms.
- Worked with atomistic simulation methods for long time-scale processes, such as equilibration of long chain polymer melts.

Projects

October 2015

Cal Hacks 2.0

Berkeley, CA

Participant

- Launched a location-based website for underground artists to upload their music and see how "hot" their song is doing locally and globally (www.soundfyre.net).

September 2015

Integrated Resource Innovations, LLC

Pittsburgh, PA

Full Stack Web Developer

- Developed the official user-friendly website for Integrated Resource Innovations, LLC (www.iri-land.com).

August 2015

Ephata Cafe, Inc

Spokane, WA

Full Stack Web Developer

- Built the official dynamic website for Ephata Cafe, Inc (www.cafeephata.com).

June 2015

GreyLockU Hackathon

Burlingame, CA

Finalist

- Created an app, chrome extension, and website that allows users to create audiobooks on their phone from any text, PDF, or document on the web.

Skills

- Proficient in Java, C++, C, x86 Assembly, Unity, Javascript, JQuery, C#, Python, CSS, Bootstrap, Firebase, Unix, MySQL, PHP and HTML.