RISHI **SOMANCHI**

Computer Science candidate at Folsom Lake College and Actualize bootcamp graduate
seeking full-time opportunity with focuses in full-stack software development.

(916) 953-1646   rishisomanchi@gmail.com   linkedin.com/in/rishisomanchi/   github.com/RishiSomanchi2000

PROJECTS

Rishi's Routes | Frontend/Backend Developer (2019)
- Utilized **Ruby on Rail's** MVC framework to develop a single-page mapping platform
- Developed controllers that parse real time direction data from Google Maps API, local business offerings via Yelp API, and forecasting via Weather API
- Enhanced user experience through an internal **RESTful API** and a **Vue.js** frontend styled with **CSS3**
- Managed version control using **Git**, debugged using Google's **Chrome DevTools**, and hosted on **Heroku**

FIRST Robotics (FRC/FLL) | Programming Lead (2012 - 2017)
- Led programming team focused on designing robotic systems, simulation runs, commissioning and programming
- Developed automated Java scripts to check robotic motor functions thus reducing our team's test-driven-development **(TDD)** workflow by 20%
- Integrated with mechanical team to refactor product features, thus improving robot agility
- 2x qualification to the FRC World Championship – ranked 14th in 2016 World Championship

EXPERIENCE

Granite Bay High School | High School Tutor (Sept 2014 – May 2017)
- Taught math and science concepts to 3 students on biweekly basis

LEADERSHIP EXPERIENCE

Speech and Debate | Team Captain (2012 - 2018)
- Systemized team syllabus/grading, classroom instruction, and tournament participation for a team of 40+ of students
- 2x qualification to National Tournament, 3x qualification to State Tournament, 13x winner for Regional Tournament

Boy Scouts of America | Eagle Scout (2012 - 2017)
- Served in multiple leadership positions including Senior Patrol Leader, Troop Guide, Quartermaster
- Eagle Scout Project – created and sent 100 care packages to US soldiers stationed in Afghanistan and Syria

SKILLS

Languages: JavaScript (ES6), Ruby, Java, Python, HTML5, CSS3, C++, SQL, Mindstorms
Frameworks: Rails, Vue.js, Angular, Bootstrap, Materialize
Tools: Bash, Git, RSpec, Database Management, API's, Solid Works, Arduino, Chrome DevTools, Pair-Programming

EDUCATION

Folsom Lake College
- B.S. Computer Science *(Expected 2023)*

Actualize Coding Bootcamp *(September 2019)*
- 1000+ hours of full stack development
- Certificate in Web Development