Abhinav Tumu

College Student – Full Stack Web Developer – Engineer

Details

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Education

Computer Science, University of California, Irvine

Sep 2019 –

College: Donald Bren School of Information and Computer Science
Programs: Campuswide Honors Collegium (2019)
Clubs: Association for Computing Machinery, AI, Hack@UCI
Relevant Coursework: ICS 32A (Python Accelerated), ICS 6B (Boolean Algebra)

Saratoga High School

Aug 2015 – Jun 2019

General Information: Weighted GPA: 4.5, Unweighted GPA: 4.0, SAT: 1570/1600
Clubs: Science Olympiad (Regional Medalist 2018), Spanish (President), Interfaith (Treasurer)
Awards: National Merit Commended Student, AP Scholar with Distinction, Very High Honors
Notable Classes: AP Computer Science, AP Physics 1&2, Multivariable Calculus (WVC)

Links

LinkedIn
Github
tumu.dev

Skills

Programming Languages: JavaScript, HTML/CSS, Java, Python, C++

Frameworks/Libraries: Node, React, React Native, Git, AWS, GCP, Redux, Firebase, Flask

Softwares: VS Code, Photoshop, Sony Vegas, Cinema4D

Personal: Results-Driven, Cooperative, Creative, Strong Problem Solving

Employment / Experience

Science Olympiad Lead Coach at Redwood Middle

Aug 2018 – Mar 2019
Coach middle school students for Science Olympiad events on topics including Computer Programming, Electricity, Magnetism, Astronomy, Fluid Mechanics, Chemistry

Student Hardware Contractor at Samtec Inc.

Mar 2018 – Nov 2018
Built high-end workstations and desktops used for optical hardware testing at electronics company Samtec

Intern at UC Santa Cruz Department of Chemistry

Jun 2018 – Aug 2018
Electrochemical cell research at the Department of Chemistry @ UC Santa Cruz under professor Yat Li and PhD Student Mingpeng Chen

Projects

sWEep, Devpost
mobile app gamifying urban cleanup with Computer Vision
Stack: React Native (Expo), JavaScript (ES6), ClarifAI (CV), Google Maps SDK, Firebase
Won 1st @ SRC Code Hackathon 2018

Phil, Devpost
Alexa skill + IoT to improve environmental charitability
Stack: TypeScript, Go, C/C++, AWS Lambda, GCP, Hedera
Won Blockchain & Amazon Alexa @ CruzHacks 2019

MindMap, Devpost
Big Data Analytics tools for Psychotherapy using Digital Footprint Natural Language processing
Stack: React (JavaScript), Flask (Python), Google Cloud NLP, DocuSign
Won DocuSign API @ CalHacks 6.0 2019