

FAIZ SURANI

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faizsurani.com

EDUCATION

University of California, Santa Barbara (UCSB)

2019 – 2023

B.S. Computing, College of Creative Studies

GPA: 4.0

Relevant Coursework: Data Structures & Algorithms, Formal Languages & Automata, Computer Architecture, Foundations of Computer Science (Discrete Mathematics), Computer Programming & Organization I-II, Linear Algebra, Differential Equations

Westlake High School (WHS)

2015 – 2019

SKILLS

<i>Computer Languages</i>	Ruby, C#, C, C++, Swift, JavaScript, Python, Java, SQL, TeX
<i>Technologies</i>	Git, ASP.NET, Rails, Electron, React, MATLAB, pandas, GraphQL, Azure, SQL Server, PostgreSQL, Open XML

WORK EXPERIENCE

AppFolio

June – Sept. 2020

Software Engineering Intern

Brownfield Programming NSF Grant

Oct. 2019 – June 2020

Research Assistant

- Work with UCSB and WSU professors on building out suite of software tools as part of "Brownfield Programming" National Science Foundation grant to facilitate new styles of computer science education
- Lead developer on **Rails/React web app** used by over a dozen instructors to manage thousands of students in computer science courses and analyze student GitHub activity

Astera Software

June – Sept. 2019

Software Engineering Intern

- In .NET, implemented smart data-mapping algorithm and designed parser in data integration product, analyzed OCR PDF data using NLP to ingest information into data warehouse
- Migrated product documentation to Sphinx-generated static content and established Git-based workflow for new documentation.

EXTRACURRICULARS

Projects

DrDocx, AMTab, Glacier National Park optimal evacuation plan, REGULAR VM, sentiment analysis of political discourse

Organizations

UCSB Moot Court (Founder/President), Mock Trial (Technology Director), SB Hacks VI

WHS Data Science Club (President, M3 Challenge Team Captain), Computer Science Club (VP), Mock Trial, Academic Decathlon

ACHIEVEMENTS

M3 Challenge Semifinalist (2018, 2019), MIT Zero Robotics International Finalist (2017), Academic Decathlon state finalist (2019)