FAIZ SURANI

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https://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

Computer Languages	Ruby, C#, C, C++, Swift, JavaScript, Python, Java, SQL, TeX
Technologies	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)