

Samori Roberts

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Work Experience

CodexDF

Lead Software Engineer

Apr 2022 - present

- Designed the Alpha phase roadmap which empowered C-suite to share timelines with potential customers.
- Implemented a majority of the product (Frontend & Backend) as the company underwent hiring.
- Led a team of 8 engineers through CodexDF's first deployment as a company.
- Provided technical direction and translated product requirements to technical designs for Q4 2022.
- Participated in conversations and facilitated product demos with potential investors.
- Primary language(s): Typescript (React) and Python

Microsoft

Software Engineer 2

Aug 2018 - Apr 2022

- Led a team of 3 engineers to complete ~60 Accessibility tasks/bugs and enable Windows' Text Scaling feature in OneNote UWP within 6 weeks.
- Implemented the UI to support OneNote Win32's Meeting Notes integration.
- Implemented 4 of the 5 major UI components for OneNote Win32's 2022 redesign effort.
- Implemented a Proof of Concept for the OneNote Win32 Home feature that was presented to Satya Nadella.
- Refactored OneNote's automated DevOps bot to be built with .Net Framework instead of .Net Core and reduced effort around task management by 32%.
- Primary language(s): C++

Education

Morehouse College

Bachelor of Science

Aug 2014 - May 2018

Major: Physics

Minor: Computer Science

— Magna Cum Laude

— Highest GPA in Physics Class of '18

— Phi Beta Kappa

Cumulative GPA: 3.78

STEM GPA: 3.80

Stanford University

Domestic Exchange

Jan 2017 - Jun 2017

— Attended 2 quarters of foundational CS courses (CS106A & CS106B)

Technical Skills

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|--------------|----------------------|----------------|
| • C++ | • React | • Mentorship |
| • Typescript | • React Native | • Interviewing |
| • Javascript | • Project Management | • Mediation |
| • Java | • Product Management | |
| • Python | • Public Speaking | |

Publications

Masnadi, M. El-Houjeiri, H. Schunack, D. Li, Y. Roberts, S. Przesmitzki, S. Brandt, A. Wang, M. "China's Crude Oil Supply: Energy Use and Emissions Life Cycle Analysis." *Nature Energy*, 26 Feb. 2018, pp. 220 – 226.