

# **Samori Roberts**

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## **Work Experience**

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<b>Descript</b>	Software Engineer	Mar 2023 - Present
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- Implemented the UI consent flow for users to create AI voice clones using the new model developed by our AI team.
- Completed a refactor of the onboarding flow from a linear to tree pattern increasing the amount of information we gathered from users for improved marketing.
- Improvements to the Data Consent flow creating hockey-stick growth in consent granted for AI model training.
- Improvements to the Learn Descript educational platform improving user experience through in-app guided tutorials.
- Primary language(s): Typescript (React)

<b>CodexDF</b>	Lead Software Engineer	Apr 2022 - Oct 2022
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- 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

<b>Microsoft</b>	Software Engineer 2	Aug 2018 - Apr 2022
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- 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**

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<b>Morehouse College</b>	Bachelor of Science	Aug 2014 - May 2018
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**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

<b>Stanford University</b>	Domestic Exchange	Jan 2017 - Jun 2017
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- Attended 2 quarters of foundational CS courses (CS106A & CS106B)

<b>CQF</b>	Certification	Jun 2022 - Dec 2022
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- Attended 6 months of classes to become a certified Quantitative Financial Analyst

## **Technical & Soft Skills**

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| <ul style="list-style-type: none"><li>• C++</li><li>• Typescript/Javascript</li><li>• Java</li><li>• Python</li></ul> | <ul style="list-style-type: none"><li>• React</li><li>• React Native</li><li>• Project Management</li><li>• Product Management</li></ul> | <ul style="list-style-type: none"><li>• Public Speaking</li><li>• Mentorship</li><li>• Interviewing</li><li>• Mediation</li></ul> |
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## **Publications**

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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.