DEVON JOY O'CONNOR

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EDUCATION

Duke University, 2016-2020

Bachelor of Arts in Computer Science
Minors: Physics and Visual Media Studies
GPA: 3.7/4.0

PERSONAL STATEMENT

I am a creative and analytical person in pursuit of a career that will exercise both talents. After over five years of working as an engineer, I've decided to study visual design with the goal of becoming a UX designer.

WORK EXPERIENCE

Google • Software Engineer • Full-Time • 2020-current

Google Meet • *Front End Developer* • *Jan, 2025 - current*
- Design and deliver new features and user interface improvements for the Google Meet product, with a focus on screen sharing and presenting.
- Collaborate closely with UX designers and product managers to identify and design how we can deliver new features that both utilize available technology and improve the user experience.
- Implemented and launched the user interface for the system audio sharing feature with 40,000+ daily users, a number that is still growing.

Principle Pioneers • *Artificial Intelligence Ethics Advisor* • *May, 2023 - current*
- Evaluate new Google AI features and products through adversarial testing, assessing their vulnerability for abuse and identifying algorithmic biases that require correcting.

Accelerated Storage • *Site Reliability Engineer* • *Oct, 2023 - Jan, 2025*
- Monitored and maintained critical storage systems that underpin a diverse array of Google products from BigQuery to YouTube, and developed tools that improve reliability and reduce maintenance toil.
- Spent 12-48 hours a week as Tier I on-call (5 minute response time) to fix in-flight production problems that impact both internal and external customers.

Legal Investigation Support • *Full Stack Engineer* • *Aug, 2020 - Oct, 2023*
- Developed and maintained the technical products and infrastructure required for Google to respond to myriad legal obligations to deliver data, with a focus on cross-product integration.
- Designed and implemented migration of a child abuse reporting system from legacy to modern stack, which brought us from 65% to 98% of all traffic being served by the new stack.
- Designed, and implemented API improvement that reduced file processing time by 60%. I received a Core Tech Impact Award, an award bestowed on less than 5% of Googlers in the Google Core org.

Duke IT Security Office • Product Development Intern • Full-Time • Summer 2019
- Participated in Code+ program of 25 interns selected out of 130+ Duke student applicant pool. In 10 weeks, designed and developed a prototype device to provide network security to Duke faculty.
- Designed and implemented the primary user interface for my team's product.
- My team was among 2 chosen out of 8 to present to Duke's IT Advisory Council.

Duke Department of Math • Teaching Assistant • Part-Time • Fall 2017
- Led a weekly calculus laboratory and discussion section, graded problem sets, and helped students with homework and conceptual questions in a weekly math help room.