Manav Arora

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EDUCATION

The University of Texas at Austin <div align="right">Austin, TX</div>

Bachelor of Science-BS, Electrical and Computer Engineering <div align="right">*Aug 2019 – May 2023*</div>

- Business Minor from McCombs School of Business
- Relevant coursework: Linear Systems and Signals, Circuit Theory, Software Design and Implementation 1 and 2, Linear Algebra, Discrete Math, Probability and Random Process, Digital Logic and Design, Competitive Programming, Algorithms, Digital Signal Processing, Concurrent and Distributed Systems, Data Science Lab

EXPERIENCE

Software Development Engineer Intern <div align="right">July 2023 – Sep 2023</div>

GoLinks (YC '19) <div align="right">*San Jose, CA (Remote)*</div>

- Contributed to a series of frontend tasks within GoSearch, an internal search tool dedicated to enhancing users' access to company knowledge. Skillfully addressed various bug issues while seamlessly integrating new features using React
- Amplified functionality within answer components by introducing an innovative open questions tab
- Elevated the user experience through meticulous refinement of comment thread aesthetics and layout and implemented dynamic rich text editing capabilities, further augmenting the tool's versatility

Software Development Engineer Intern (Homepage CX) <div align="right">May 2022 – Aug 2022</div>

Amazon <div align="right">*Austin, TX*</div>

- Engineered and executed the development of a dynamic color-swatch component utilizing TypeScript and CSS. This component seamlessly presented clickable, intuitive circular elements, showcasing diverse color choices for specific products
- Leveraged internal API sub resources to extract pertinent product details related to product variations. This data was harnessed to craft a comprehensive color-swatch view-model, establishing a foundational template for forthcoming Homepage designs that incorporate the color-swatch feature
- Devised a suite of rigorous unit tests employing Jest, guaranteeing the reliability and readiness of the component for deployment in a production environment

Operations and Training Development Intern <div align="right">May 2021 – Oct 2021</div>

Mavenir <div align="right">*Richardson , TX*</div>

- Formulated comprehensive training curriculum centered around 5G and Open-RAN technologies for Mavenir University, the company's educational platform, to ensure new employees fully understand the technology
- Devised intricate integration scripts on the MATLAB platform, meticulously tailored for the Advanced Technology team. These scripts played a pivotal role in the analysis and computation of signal path loss probabilities across diverse user clusters (rural, urban, dense urban), thereby enhancing the team's ability to model real-world scenarios effectively
- Developed a MATLAB routine, that filtered outliers from a dataset and then performed linear regression using the machine-learning toolbox

PROJECTS

PrivacyCheck | *JavaScript, React, DynamoDB* <div align="right">May 2023</div>

- Drove the advancement of an ongoing project at the University of Texas, focused on bolstering user understanding of accepted privacy policies
- Led the creation of a dynamic DynamoDB cache, designed as a responsive repository. It efficiently stored and granted access to privacy scores for the top 100 frequently visited internet sites which significantly sped up user interactions while enhancing their understanding of privacy implications

Interview GPT | *JavaScript, React* <div align="right">May 2023</div>

- Leveraged ChatGPT and Whisper to build a web application that helps users practice for technical interviews
- Designed a user interface to model a code editor using the AceEditor library from React and designed a compiler using Rapid API's Judge0

TECHNICAL SKILLS

Languages: Proficient - Java, Python; Intermediate - MATLAB, HTML/CSS, JavaScript, TypeScript; Beginner - Jest
Frameworks: React, Node.js, Flask, JUnit, DynamoDB, MongoDB
Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Sequel Ace
Libraries: pandas, NumPy, Matplotlib, MaterialUI