

# ISHAAN MAKHIJA

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## EDUCATION

### University of Maryland, College Park

Aug 2022 - Present

*Bachelor of Science in Computer Science, Minor in Statistics*

*College Park, MD*

**Relevant Coursework:** Computer Networks, Algorithms, Intro to Data Science, Linear Algebra

## TECHNICAL SKILLS

**Languages:** C, Python, Java, HTML, CSS, JavaScript, SQL

**Frameworks:** Bootstrap, React

**Tools:** AWS, Git, Docker, Swagger, Postman, Lucidchart, Wireshark

**Libraries:** pandas, NumPy, SciPy, Matplotlib

## CERTIFICATIONS

### AWS Certified Cloud Practitioner

Jul 2020

## PROFESSIONAL EXPERIENCE

### Infrastructure Engineering Intern

Jun 2024 – Present

*Broadridge Financial Solutions*

*Newark, NJ*

- Meeting with vendors and analyzing air-gapped cyber vault solutions to enhance recovery in the event of disasters
- Composing cyber solution documentation with industry standards and SEC + PCI regulations for compliance
- Optimizing appliance migration planning by organizing and consolidating information from 20k+ assets in Excel

### Back-End Engineer Intern

Jun 2023 – Aug 2023

*Belize FinTech*

*Remote*

- Designed API endpoints for financial institutions to facilitate KYC processes and management of banking ledgers

### Certified Trainer

May 2021 – Aug 2023

*Chipotle Mexican Grill*

*Montvale, NJ*

- Trained new hires on company procedures and policies ranging from food safety to customer satisfaction
- Maintained high standards of customer service during high-volume, fast-paced operations

### Freelance Web Developer

Oct 2019 – Feb 2020

*Norwood Industrial Park*

*Norwood, NJ*

- Developed a new website with property listings for a local family-owned real estate consultant company

## PROJECTS

### Chord [Distributed P2P Lookup] Protocol | C, Wireshark, Docker, Git

April 2024

- Implemented key functionalities of Chord protocol in C, including nodes joining and leaving and key lookup
- Handled node communication via UDP socket programming and Wireshark to verify packet delivery and accuracy

## COMMUNITY SERVICE

### Lead Web Developer

Dec 2021 – Mar 2022

*Pascack Hills High School*

*Montvale, NJ*

- Developed a website for 800+ students to register for Career Day speakers and keep track of their schedules

### Lead Web Developer

Oct 2020 – Dec 2020

*Hills Valley Coalition*

*Montvale, NJ*

- Revamped a community-based nonprofit's website to raise awareness against bullying and substance abuse

### FIRST Robotics Mentor

Oct 2018 – Jan 2020

*FIRST Lego League*

*Montvale, NJ*

- Helped a local middle school robotics team with EV3 programming