

Jackson Gunn Pack

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EDUCATION

University of Delaware, Newark, Delaware

College of Engineering

Cybersecurity, Bachelor of Science, Computer Science

Expected Graduation: May 2024

Relevant Courses: Data Structures, Algorithms, Machine Organization & Assembly Language, Systems Programming, Research in Computer Science, Parallel Programming, IoT and Mobile Security

SKILLS

- **Languages:** JavaScript/TypeScript, HTML(5), CSS(3), Python
- **Libraries/Tools:** React, React Native, Git, Bash
- Familiar with Unix and GNU/Linux operating systems

EXPERIENCE

MITRE Corporation, Eatontown, New Jersey

June 2022 - Present

Applied Software Engineering Intern

- Develop accessible real-time mobile communications applications for d/Deaf users
- Own a proof of concept React Native application intended to determine the viability of replacing platform-specific development efforts
- Utilize WebRTC and WebSockets with custom signaling technology for VoIP communications and authentication
- Conduct software vulnerability monitoring and updates on AWS/Linux infrastructure servers

University of Delaware - University Media Services, Newark, Delaware

January 2022 - Present

IT/AV Assistant

- Respond to support calls regarding classroom A/V technology—providing troubleshooting help either over the phone or in person
- Conduct routine room checks to ensure classroom technology is working properly
- Provide orientations for teachers unfamiliar with classroom technology

FinalsClub, Remote

May 2019 - January 2021

Front-End Development Consultant

- Designed user interface and front end component prototypes in Adobe XD prior to development
- Utilized React.js and CSS to develop a suite of fully responsive custom user interface components
- Employed Firebase and Context API to render dynamic data within React components
- Recommended solutions to improve user experience and accessibility across platforms
- Leveraged React Native and CSS-in-JS to develop cross-platform mobile app components

Splendor Design, Red Bank, New Jersey

April 2019 - June 2019

Web Development Intern

- Aided in the development, maintenance, optimization, and production of full-scale commercial WordPress websites
- Fixed over 4000 dead links across Splendor's web properties

CAMPUS INVOLVEMENT

Beta Theta Pi, Newark, Delaware

September 2021 - Present

Vice President of Risk Management

- Ensure the safety of the Theta Alpha chapter of Beta Theta Pi, all of the chapter's brothers, and all guests at events
 - Communicate with the Office of Student Conduct and Fraternity and Sorority Leadership and Learning at the University of Delaware regarding required risk management training for members of the Theta Alpha chapter
 - Oversee the chapter's Social Committee and the planning of all chapter social events
 - Oversee the chapter's Risk Management Committee—working to identify and mitigate risks and prepare for potential crises
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