

William F. Kunz

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OBJECTIVE

Seeking an internship for Summer 2021 in a variety of fields including security and software engineering.

I develop applications that integrate technology and community. Effective communicator and computer scientist focused on bringing a global perspective and holistic approach to my project management. Proven problem solver, fast learner, debugger, designer, planner, and able to prioritize and communicate with stakeholders of all levels and diverse global backgrounds.

EDUCATION

Case Western Reserve University - Cleveland, Ohio

GPA: 3.8/4.0

Major GPA: 3.9

Candidate, Bachelor of Science in Engineering, Computer Science *Dean's Honors List: Fall '18, Spring '19, Spring '20*
Minors: Economics, Math *Graduation: May 2022*

Coursework: Algorithms, Computer Networks, Discrete Mathematics, Elementary Number Theory, Intro to Data Structures, Introduction to Databases, Intro to Operating Systems, Introduction to Probability, Intro to Programming in Java, Linear Algebra

TECHNICAL SKILLS

- **Proficiencies:** Python, Java, Version Control, HTML, CSS, Django
- **Familiar:** Linux, Bootstrap, SQLite

WORK EXPERIENCE

KarakurtLab - Cleveland, Ohio

Full Stack Development Intern – June 2020 – Present

- Developed a dynamic web application for the dissemination of the results of our analysis of large-scale data that pertains to intimate partner violence. Collaborated synchronously and asynchronously to meet deadlines and create prototypes.

PROJECTS AND COMPETITIONS

HackCWRU – Health Track Winner

Team Lead – February 2020

- Worked in a team to create the web application “RelApps”
 - RelApps analyzes health data stored in a structured database using a self-developed algorithm to predict if a recovering addict is at risk for relapse. If risk is high, RelApps sends a push notification to the user's support networks encouraging them to reach out.
- Developed a weighted average algorithm and structure for the database.
- Delegated tasks to team members to optimize productivity based on strengths.

COMMUNITY SERVICE

VotersNotPoliticians

Region Technology Lead – May 2017 – September 2017

- Organized, digitized, and optimized the collection of signatures for a petition to end gerrymandering in Northwestern Michigan through clear communication with both volunteer and regional organizers.

Return2Haiti

Fundraising Volunteer – May 2017 – Present

- Led fundraising and planned events to build schools and community outreach centers in Belle Anse, Haiti.
 - Raised over \$2,500 for medical treatments for a child I met in Belle Anse.

INTERESTS

- **Activities:** Student Developers Club, Tomorrow's Stars Philanthropist, Spike Ball Club, Salsa Club
- **Phi Kappa Psi:** Rush Chair, Intermural Chair (September 2018 – present)