

MILLER KODISH

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OBJECTIVE

Computer Engineering Student with 2 years of training, seeking internship positions.

EDUCATION

Bachelor of Science in Computer Engineering, Purdue University

Expected 2025

Minor in Economics

Relevant Coursework: Advanced C Programming, and Python for Data Science

Extracurricular Activities: Purdue Launchpad, Purdue Robomasters

High School Diploma, Newton South High School

2017 - 2021

Awards: Analytical Reasoning Award from Mathematics Department, Engineering Certification Award from Engineering Department

SKILLS

Technical Skills Linux, Excel, Micro-Controller, Debugging

Coding Languages Java, Python, C, MATLAB

EXPERIENCE

Circuitry Repair

May 2022 - Aug 2022

Nickel City Arcade

Northbrook, IL

- Worked with clients to assess broken arcade machines
- Troubleshoot circuit boards using past manuals
- Repaired Broken Circuit Boards in a timely manner as to not disrupt client satisfaction

Freelance Web Consultant and Software Engineer

Feb 2022 - Apr 2022

REX

Los Angeles, CA

- Created and implemented adaptive Landing Page development across web and mobile interfaces
- Consulted company on how to best design website for ease of use for users as well as higher user satisfaction
- Effectively took feedback and utilized it to improve user experience

Mentee

Sep 2021 - Jan 2022

Purdue Launchpad

West Lafayette, IN

- Created and user tested prototype of potential randomization algorithm
- Communicated between different coding languages for a time and resource effective final outcome
- Developed skills with UX design and Node.js applications in the professional world

PROJECTS

Bike Power Generator: Prototyped a working generator that would convert AC power to DC power for generation of usable electricity. Utilized a bicycle and an alternator from a car and successfully charged a cell phone 3% before stopping

Bike Share Improvements: Utilized data to discover patterns in local bike sharing company. Utilized found patterns to generate a solution to improve business. Formally documented findings for consulting practice.

Huffman Coding Compression: Coded and implemented text compression that creates a Huffman tree. Then utilizes algorithm that data to create an encoded key.