GABRIEL OETKEN

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OBJECTIVE

Obtain a computer engineering internship where I can leverage my skills, enhance my technical knowledge, and make meaningful contributions to the team's success.

EDUCATION

University of Maryland, College Park, MD
Clark School of Engineering
Computer Engineering Major | Project Mgmt. Minor | Cybersecurity Specialization
GPA: 3.827 (on a scale of 4.0)
Expected Graduation Date: May 2027

Carroll County Career and Technology
Project Lead the Way for Engineering

EMPLOYMENT

Chick-Fil-A Corporation, Mount Airy, MD
January 2022 – present (~25 hours/week)
Team Leader
- Ensure services are working optimally and managing shift employees.
- Responsible for end-of-day financial reconciliation and securing the facility.

SKILLS

Programming Languages:	Java, Python, C/C++, Assembly
Tools/Technologies:	Linux, MATLAB, Verilog
Areas with Experience:	Software Development, Computer Systems, Digital Circuit Design, Signal Processing
Software Proficiency:	Excel, PowerPoint

PROJECTS

Autonomous OTV (Operational Telepresence Vehicle)
Served as the Lead Programmer for developing an Autonomous OTV, designed to navigate randomized obstacles and pick up and identify the material and weight of a given cube, utilizing Arduino. Awarded Best Design.

Vending Machine Digital Circuit Controller
Designed and implemented a digital circuit controller for a vending machine using Verilog and successfully implemented on an FPGA board.

Blackjack Game Application
Developed a fully functional Blackjack game using Java, featuring an interactive graphical user interface (GUI).

File Management System
Developed a robust file management application in C utilizing a tree map data structure. Implemented a fully functional command-line user interface that supports a range of operations, including file addition, retrieval, and organization.

HONORS

UMD Presidential Scholarship
Outstanding Student in Science for the Class of 2023
Certificate of Meritorious Service in Recognition of Exemplary Service

References are furnished once mutual interest has been established.