Cameron McGurer

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SUMMARY

As a confident and dedicated individual, I am eager to begin my professional journey after graduation this spring. With a strong work ethic and high energy, my goal is to leverage my technical expertise in computer science and my effective communication skills. I aim to thrive by collaborating with insightful people and making a meaningful difference, all while developing into a valued professional.

EDUCATION

University of Rhode Island, Kingston, RI   September 2020 to May 2024
Bachelor of Science in Computer Science
Minor in Business
GPA: 3.75, Dean's List

TECHNICAL SKILLS AND CERTIFICATIONS

AWS Cloud Practitioner Certification, C, C++, C#, Python, Rust, Java, JavaScript, Standard ML, Prolog, HTML, CSS, Bash, Git, GitHub, Jupyter Notebooks, Unity

EXPERIENCE

Information Technology Technician, Kingston, RI   September 2023 to Present
   Currently employed at the University of Rhode Island's Dining Hall IT department. Tasks includes installing, configuring, troubleshooting, and maintaining both computer hardware and software, implementing security patches and updates, integration testing, network configuration, and providing comprehensive technical assistance to staff and students.

Teaching Assistant, Kingston, RI   Spring 2023
   Assumed the role of teaching assistant for Computer Organization, which delves into the logical structure of computer systems and architecture. Duties comprised of grading student work, hosting office hours to aid in comprehension of concepts, assisting with design documents, facilitating lab work, and providing guidance for assignment revisions.

Computer Science Intern, Waterford, CT   May to August 2022
   Engaged in a computer science internship at Sonalysts, a defense contractor specializing in operational analysis, research, modeling, simulations, and software engineering, among other areas. Developed an application aimed at identifying anything from landmarks to fish species location services and artificial intelligence. Collaborated with employees to choose software for establishing the new lab space.

First Mate, New London, CT   Summer 2020, 2021
   Worked as a first mate for a charter fishing business in and around Long Island Sound. Responsibilities included teaching customers fishing techniques, enforcing maritime safety, interacting with the customers, and problem solving under stressful conditions.

PROJECTS – https://github.com/CameronMcgurer

Business Applications of Generative AI
   Actively participating in a practicum involving the research and study of ways that generative artificial intelligence can be used in the business world. Predominantly relating to classification.

Universal Machine
   A software implementation of a virtual machine coded in Rust. This program takes, as input, a data file consisting of instruction words and performs 14 different operations based on the information in the instruction. It uses eight registers, a two-dimensional array of memory, and a program counter.

Travelers on a Map
   This project involved multi-threading. The program launches a certain number of threads, or travelers, on a two-dimensional grid. This grid contains moving and stationary walls that the travelers cannot pass through, an exit that the travelers are trying to reach, and a lock for every square to prevent deadlocks.

EXTRACURRICULARS AND VOLUNTEERING

University of Rhode Island, Kingston, RI
   - Rugby Club **-** Division 1 AA, Team Member
   - Intramural Sports - Volleyball, Soccer, Basketball, and Flag Football, Softball
Gabrieles Martial Arts, Waterford, CT
   - Assistant Instructor - Mentored children, teenagers, adults, and seniors in Karate, Self-Defense, Gracie Jiu-Jitsu, and Kickboxing