

Christine Roosevelt

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<https://github.com/CRooseveltProjects>

EDUCATION

University of Rhode Island, Kingston, RI May 2023
Bachelor of Science in Computer Science, Mathematics Minor
GPA: 3.8/4.0, Dean's List (all semesters), University of Rhode Island Honors Program
Study Abroad: University of Barcelona, Barcelona, Spain January - April 2022

RELEVANT COURSEWORK

Computer Architecture, Computer Networking and Security, Database Management Systems, Artificial Intelligence, Object Oriented Programming, Algorithms and Data Structures, Cyber Security, Social Issues in Computing

TECHNICAL SKILLS

C, C++, C#, Java, Python, MySQL, HTML, MATLAB, JavaScript/DHTML, Perl, CSS, Visual Basic 6, PHP5, Wordpress, Microsoft Virtual Studio, Microsoft Access, Microsoft Word, Microsoft Excel, Linux, Zoom, Google Workspace

PROFESSIONAL EXPERIENCE

Nittany Technological Corporation, Boston, MA May 2022 - Present
Software Development Intern

- Create a test tool using C++ and Messaging Application Programming Interface (MAPI)
- Measure the performance of the server and make recommendations to improve efficiency by 10%
- Generate reports to illustrate all statistics automatically using the tool

PROJECTS

Intelligent Emergency Response System January - March 2022

- Developed a priority-based auctioning algorithm for task allocation in a multi-agent environment
- Used modified A* algorithm to prioritize tasks based on proximity to location of fire resulting in efficient evacuation
- Analyzed results over a two-week test period and refined to reduce evacuation time by 25%

Rhody Video Game Development September - December 2021

- Collaborated with team of five to create concept, design, and program of video game that entered prototype stage
- Led design and programming for the video game's graphical user interface (GUI)
- Integrated Microsoft XNA and C# for game development; used Microsoft Visual Studio to program/compile game

LEADERSHIP EXPERIENCE AND ACTIVITIES

Ram Hacks, University of Rhode Island, Kingston, RI May 2022 - Present
Vice President

- Recruit over 50 students/year for organization via social media, new student events, and networking on campus
- Develop programs for membership focused on programming, coding challenges, and professional development

Member September 2021 - Present

- Actively participate in computer science student organization to gain technical skills and connect with employers
- Placed 2nd in annual Hack-a-Thon coding challenge (Spring 2022)

Python Bootcamp, University of Rhode Island, Kingston, RI September - December 2022

- Led a course for underrepresented computer science students that taught them the fundamentals of Python
- Enabled students, with a lack of coding proficiency, to develop analytical framework for solving algorithm challenges

University of Rhode Island, Supplemental Instruction Leader (Mathematics), Kingston, RI April 2021 - May 2022

- Independently hosted two 90-minute study sessions per week of groups of 10-30 students
- Created lesson plans, organized study groups, facilitated group activities, and supported course instructor

OTHER WORK EXPERIENCE

Ocean Cove Bistro, Newport, RI October 2017 - April 2021
Server and Trainer

- Trained new staff in the areas of restaurant operations, customer service, menu offerings, and staff policies
- Developed customer service, critical thinking, problem-solving, communications, and time management skills

LANGUAGE SKILLS

Fluent in Spanish (written and oral)