James Robinson

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Education

Bachelor of Computer Science   September 2020 - May 2024

Acadia University, Wolfville, Nova Scotia

- GPA 4.25/4.3
- Key Courses: Computer Security, Software Engineering, Artificial Intelligence, Database Management Systems, Web-Centric Programming, Operating Systems

Skills

- Big data gathering and analysis, including in financial markets
- Mobile and PC game development independently and with a team in Unity
- Programming languages, including Python, Java, C, C++, and C#
- Full-stack web-based application development, including React
- Microsoft Excel, Word, Outlook, PowerPoint, and Teams
- Machine learning techniques and libraries in Python
- Data structures, algorithm design, and OOP design patterns
- SQL and NoSQL database design and management

Work Experience

Software Engineer   July 2024 - Present

Hermetik Trading Technologies Inc., Wolfville, Nova Scotia

- Created gathering and analysis tools for blockchain data
- Oversaw business process re-engineering via digitization
- Key Skills: Python, React, Flask, Data Analysis, Project Management

Teaching Assistant - Analysis of Algorithms   January 2024 - April 2024

Acadia University, Wolfville, Nova Scotia

- Corrected and gave feedback on students' assignments
- Assisted students in understanding the course material
- Key Skills: Algorithms, Communication, Problem-Solving

Lead Programmer - *Rock On, Raccoon!*   May 2023 - August 2023

MassDigi, Worcester, Massachusetts

- Successfully took a mobile game from conception to launch over ten weeks
- Led a 3-person Unity programming team using Kanban and Plastic
- Interfaced and collaborated with art, design, and audio teams
- Key Skills: C#, Unity, Object-Oriented Programming, Agile Development

IT Assistant   May 2022 - August 2022

Agriculture and Agri-Food Canada, Kentville, Nova Scotia

- Provided daily equipment support to researchers
- Created and managed tools in Powershell and online
- Managed the surplus of old equipment and introduction of new models
- Key Skills: Microsoft Office, Troubleshooting, Active Directory

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Volunteer Experience

Treasurer, VP Events   September 2022 - April 2024

Acadia Computer Science Society

- Oversaw management of society funds, including budgets and funding requests
- Planned and facilitated regular events for students
- Actively participated in weekly meetings with other executives
- Hosted a weekly tutoring session for CS students

Club President   September 2023 - April 2024

Acadia Game Development Club

- Founded the organization with the Acadia Student Union
- Led a team of executives in meetings and club operations
- Facilitated events in collaboration with other clubs and external partners
- Created and managed lines of communication with students