Christopher Odom

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Education

University of Massachusetts Lowell, Lowell MA . . . . expected Spring 2021

Bachelor of Science, Computer Science
- Honors: Honors College, Deans List
- Relevant Coursework: Computing I-II, Calc I-II

Framingham State University, Framingham MA . . . . Sept 2016 - May 2017

Coursework in Computer Science
- Clubs: Computer Science Club
- Relevant Coursework: Java I, Discrete Mathematics, Pre-Calc

Relevant Experience

Draper, Cambridge, MA . . . . July 2018 - January 2019
- Projects: *Test Execution Suite — Diagnostic Monitor — Simulator Automation*
- Role: Utilized technical knowledge in C, VXWorks, Simics, GDB, and developing skills in RTOS development and concurrency to make a testing execution environment on a space-capable fault tolerant flight computer.
- Other: Additional work done Simulation Software and scripting/automation in RHEL.
- Learned: Time and Space partitioning — VxWorks

Engaging Computing Group, Lowell, MA . . . . March 2018 - June 2018
- Projects: *iSENSE Appinventor Plugin*
- Role: Using analytical and technical skills in java, extend the usability of iSENSE by implementing an interface for the MIT AppInventor application. This allows programs in AppInventor to use iSENSE, assisting in CS education research.
- Learned: Android development — REST API development

Additional Projects

Rogue Like in C++, Personal . . . . Winter 2018
- Skills Used: Problem Solving, Project and Time Management, Knowledge in C++
- Purpose: To explore concepts of procedural generation, data structures, OOP, and to learn C++

CS Club Website, Framingham State CS Club . . . . Spring 2017
- Skills Used: Teamwork, knowledge in LAMP, GIT, JS
- Purpose: Work together with classmates to implement a blogging system using LAMP and JS

Skills

Programming Languages
- Programming Languages: C, C++, Java, Python, JavaScript, Bash
- Markup Languages: HTML, Markdown
- Utilities: GDB

Software
- Office: LaTeX, Microsoft Office Suite
- Project Management: Git, Github/lab, Jira, Confluence
- Operating Systems: Linux, Windows, VxWorks, Android