

Patrick Eaton



WPI

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Technical Profile

Development: Git, IntelliJ IDEA, CLion, Eclipse, Powershell, Bash

Languages: C/C++, Java, JavaScript, NodeJS, React, SQL, Scala, HTML5, CSS, Python

Technologies: AWS, Windows Group Policy, Microsoft Intune, Slack, Trello

Education

AUGUST 2018 – MAY 2023

B.S., Computer Science / Worcester Polytechnic Institute

- Relevant coursework: Software Engineering, Operating Systems, Intro to Artificial Intelligence, Human-Computer Interaction (Grad level), Cryptography (Grad level), Object Oriented Design Concepts, Intro to Machine Organization and Assembly, Algorithms.

Experience

FEBRUARY 2021 – AUGUST 2021 & JUNE 2022 – JULY 2022

IT Technician & Network Analyst / EENetworks

- Performed hardware and software maintenance and updates for a variety of clients.
- Led upgrades and troubleshooting of PCs, servers, and networking hardware.
- Utilized Microsoft Intune and Windows Group Policy to manage networks, networked devices, and computers, both in-house and in client workplaces.

Technical Projects

AUGUST 2022 – MAY 2023

Senior Capstone Project / Dynamic Solitaire Generator

- Collaborated with four students and a faculty advisor to complete development of legacy codebase.
- Used combinatorial logic synthesis (CLS) to generate over 50 unique playable solitaire variations.
- Developed custom interface in Java for software distribution to allow client updates.

SEPTEMBER 2016 – MAY 2018

Scouting Team Lead / FIRST Robotics Team 1983

- Directed scouting procedures and operations while representing the team at all competitions.
- Executed team strategy through extensive collaboration with other FRC teams.
- Developed a custom web app using JavaScript, HTML5, NodeJS, and PostgreSQL.

NOVEMBER 2016 – PRESENT

Assembly of Custom PCs/ Personal Project

- Built, modified, and upgraded multiple personal computers.
- Assembled home server with network attached storage and media center capabilities.
- Configured server using Unraid to run a variety of virtual machines.

Activities

- WPI Cybersecurity Club (CSC), WPI, 2019-2023
- WPI Outdoors Club, WPI, 2019-2023
- Personal interests include: Retro Video Games, Bass Guitar, Snowboarding, Bouldering, Rock Climbing, Camping, Weight lifting, Birding, Aviation, Travel