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Justin Tervay

Education

Rochester Institute of Technology
B.S. in Computer Science

GPA: 3.4 / 4.0
Expected graduation May 2020

Experience

Capital Communications Federal Credit Union

Oct–Dec 2014, June–Aug 2015, June–Aug 2016:

IT Intern

- Worked on both internal & external development requests
- Development done on legacy system
- Programmed in domain-specific scripting language based upon COBOL, Fortran, and PL/I
- Daily face-to-face meetings with customers and other developers

FIRST Robotics Team 2791 – Shaker Robotics

September 2011 – September 2013:

September 2013 – July 2015:

October 2015 – Present:

Apprentice Student Programmer

Lead Student Programmer

Technical Programming Mentor

- Worked collaboratively with 35+ students and 5 experienced engineers
- Took initiative to write completely reusable PID controller and robot state logging system in Java
- Awarded Senior Engineer of the Year Award by the team mentors in 2015
- Now mentor students on software design principles and algorithm efficiency

Projects

FRS

jhtervay.xyz/frs

A website that gathers and collates statistical data pertaining to FIRST Robotics Competition. Built using Python, Django, MariaDB, SCSS, UIKit, and D3.js.

ELOsim

jhtervay.xyz/elo

A simulation of ELO ratings for professional League of Legends teams, utilizing the Glicko-2 rating system. Written in Java.

Project Euler solutions

jhtervay.xyz/euler

A collection of solutions to problems that can be found on projecteuler.net. Languages include Java and Python.

Other

Skills: Java, Python, JavaScript, C, Git, SVN, Bash

Relevant Courses: Parallel & Distributed Systems, C.S. Theory, Intro to Software Engineering

Extracurricular: Member of Society of Software Engineers, codeRIT, and Rock Climbing Club

Interests: Mathematics, statistics, rock climbing, code golfing