Primary Address
95 Ridgewood Drive,
Norwood, MA 02062

Daniel Sullivan
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781-856-9806

School Address
80 Sever St., Apt. 1,
Worcester, MA 01609

Objective

To obtain an internship in software engineering or cyber security related area.

Education

Worcester Polytechnic Institute, Worcester, MA

Aug. 2016 – Present

Bachelor of Science in Computer Science, May 2020

Relevant Coursework

Completed Courses

AP Computer Science (High School), Introduction to Building Websites (Online), HTML & CSS: Design and Build Websites (Book), Introduction to Program Design, Object Oriented Design Concepts, Systems Programming Concepts, Machine Organization and Assembly Language, Algorithms, Discrete Mathematics, Human Computer-Interaction, Computer Networks, Operating Systems, Foundations of Computer Science, Software Engineering, Cryptography and Communication Security, Social Implications of Information Processing

Current, Ongoing, and Upcoming Studies [To Be Completed By Spring]

Artificial Intelligence, Database Systems I & II, Ethical Hacking and Network Penetration Testing using Kali Linux (Online), Hacking: The Art of Exploitation (Book)

Skills

Languages & Programming

Java, C/C++, Python, HTML, CSS, Racket, LaTeX, R, React, understanding of x86 Assembler, JUnit, JavaFX, TestFX, Git, Subversion, Bash, unit testing, functional testing, software design patterns, class & dynamic diagrams

Agile Project Management Tools

GitHub Project, Slack, Trello

Software Development Tools

IntelliJ IDE, Eclipse IDE, PyCharm IDE, GitHub, Gradle, TravisCI, Jenkins, Maven, Lucid Charts

Projects

Brigham and Women's Hospital Kiosk (Software Engineering course)

TripAdvisor Hackathon

Personal Website

Baseball Statistic Tracker

Experience

Software Engineering Intern

TripAdvisor, June 2018 – August 2018

As a software engineering intern for the Enterprise Business Systems team, I worked in various parts of the code base, such as payment processing, finance, and booking. I worked directly alongside the team on several projects, as well as a few individual projects. I was able to complete many bug fixes for the team, as well as create new scripts, tests, as well as functionalities for new and existing code.

Personal Links

Personal Website - djsullivan.tk

Github - www.github.com/DannyJSullivan

LinkedIn - www.linkedin.com/in/DanielJamesSullivan

Software Engineering Course

This course had ten-person student teams working in a class competition to apply Agile development methodologies and software design patterns in Java to create an indoor pathfinding application, map builder, and integrated service request modules for Brigham & Women's main hospital campus.

As a software engineer, I helped gather software requirements by surveys, interviews, and brainstorming, as well as created user stories, scenarios, and storyboards. I was responsible for writing the user classes, technology ticket API, API integration, timeout feature, and the live clock components of the application, alongside general debugging. I also assisted with creating the UI, login handler, pathfinding, node and edge translation, and Epic integration.