Edmund Do

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Education

University of Vermont, May 2020
BS, Computer Science, 3.77

Skills

Languages
Java, JavaScript (Node.js), PHP, Python, Rust, C/C++, Bash, MySQL

Frameworks
React, JODBC, TomCat

Tools
UML diagrams, ER diagrams, design patterns

Experience

University of Vermont | Research Assistant
Jan 2019 — Present
- Implemented a command line and UI interface to visualize time series of heart activity in 3D.
- Utilized Python visualization and UI libraries.
- Designed and set implementation goals and schedule.

University of Vermont | Teaching Assistant
Sept 2018 — Dec 2018
- Reviewed and provided feedback to submissions for an algorithm design and analysis course.

University of Vermont | Telephone Surveyor
Jul 2017 — Aug 2017
- Administered a happiness survey to Vermont residents.
- Adapted to survey specifications as needs changed.
- Demonstrated courtesy and professionalism to all respondents.

Projects

Chat Client
Designed a UI for sending and receiving messages between clients. Implemented long polling using Node.js to actively send and receive messages between multiple clients.

RC Car
Lead development on implementing radio communication with C/C++ between a Raspberry Pi and Arduino to remotely control a small, custom designed RC car.

Packet Sniffer
Used the jpcap library to create a packet capture application in Java; implemented additional functionality to detect ARP spoofing.