Edward Wong

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EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY
BS in Software Engineering
Graduated May 2020 | Rochester, NY
GPA: 3.55

COURSEWORK

Object-Oriented Programming
Web Development
Database Management
Data Structures + Algorithms
Software Design
Software Testing
Software Security
Embedded Software

SKILLS

LANGUAGES
Proficient:
Python • Java • SQL • HTML • CSS
Familiar:
JavaScript • C • C# • PHP • Ruby

TOOLS
Proficient:
PostgreSQL • MySQL • pandas •
NumPy • Jupyter Notebook • Git
Familiar:
Flask • Node.js • Express.js • Android
Firebase • Salesforce Lightning
Heroku

VOLUNTEERING

RIT CIRCLE K
- Flower City Pickers
- Gigi's Playhouse

RIT WOMEN IN COMPUTING
- WiCHacks
- ROCGirlHacks

EXPERIENCE

PUBLICIS SAPIENT | Associate Software Engineer Co-op
June 2019 - August 2019 | Chicago, IL
- Developed an Android app that pulled and displayed performance analytics of the McDonald's mobile app
- Analytics entailed user crashes, API errors, mobile request errors, and mobile order status
- Performed bandwidth throttling using Charles to test timeout functionality in a slow network environment
- Incorporated basic functionality to display build information with Firebase Realtime Database
- Company currently utilizes the Android app to test and debug McDonald's mobile application

WEGMANS FOOD MARKETS | Software Quality Assurance Co-op
January 2018 - August 2018 | Rochester, NY
- With Microsoft Visual Studio Team Services, wrote manual test suites to enable efficient testing of the Wegmans Mobile App
- Uncovered and reported bugs to developers through regression testing and exploratory testing
- Verified bug fixes to ensure that the app functioned properly by deployment

PROJECTS

CONSERVATION IMPACT PROJECT (SENIOR PROJECT)
Tools: Node.js, Express.js, PostgreSQL, pgAdmin, Heroku, Salesforce
- With a team of four, created web components for a portal to track and display data illustrating the conservation of ecological assets
- Developed reusable front-end components using the Salesforce Lightning Web Components framework
- Responsible for implementing API endpoints to facilitate CSV data importation into a database stored on Heroku servers

RETAILER DATABASE PROJECT
Tools: Java, PostgreSQL, DataGrip
- With a team of four, established a product inventory management system with Java and PostgreSQL
- Gained experience with data modeling, proper database design, and utilizing SQL within Java using JDBC
- Responsible for implementing database functionality such as restocking inventory after going below a certain amount and complex SQL queries to extract statistics from the database
- Successfully achieved a sufficient product after three phases

CHICAGO WEBSITE
Tools: HTML, CSS, JavaScript, PHP
- Constructed a Chicago tourism website using vanilla web technologies
- Used PHP for form validation, storing form data into a back-end database, and sending form input in an e-mail
- Established media queries for a responsive design and easier viewing on smaller screens