Mirna Wahab

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OBJECTIVE

To be a part of the growth of an expanding organisation in the software engineering field, where I can maximize my computing, analytical, team and leadership skills in an innovative and challenging environment, while working as team to create opportunities for people that only see problems.

EDUCATION

Western Sydney University

Bachelor of Computer Science · Spring 2017

Majors in Systems Programming and Systems Security.

EXPERIENCE

BCG Digital Ventures

Software Engineer · April 18 - Present

- Collaborate with Product & UX teams to establish front-end and API specifications.
- Implement user facing features and integrate them with back end systems.
- Maintain scalable microservices in Golang, and deploy them in Docker containers to the cloud.

BCG Digital Ventures

Software Engineer Intern · Nov 17 - March 18

- Implemented user facing features and integrated them with back-end systems using React, Redux/Redux-Saga.
- Developed unit tests using Jest and Enzyme.
- Optimized web application for maximum speed and scalability.

Bear Brasserie

Business Manager · Feb 09 - Dec 15

- Oversaw employee activities, hired, trained, evaluated and motivated employees.
- Accountable for budgeting, cost control, payroll, general accounting and full profit and loss.
- Established a customer service training program, which increased guest satisfaction scores by 26%.
- Developed marketing campaigns to increase business visibility and profit.

SKILLS

C++	Golang	React, React-Native	Git
C	Docker Containers	Redux, Redux-Saga	SQL
Java	PHP	iOS Development	MySQL
JavaScript	HTML	Android Development	Security, vulnerabilities &
ASP.NET	CSS	D3.js	Cryptography basics

PROJECTS

Double Auction Simulation System

www.git.io/v9VVX

Developed a double auction simulation system in which mocks a real-time double auction on market shares. This was developed in both C++ and Java, primarily focused on the use of encapsulation, inheritance and polymorphism.

Cephalopod Game

Developed a C++ and Java version of the strategic board game Cephalopod, invented by Mark Steere in 2006. Allows two players, the goal is to occupy majority of the squares in the board to win a game.

Personal Site

www.mirnaiwahab.com

Designed and developed my personal site using HTML, CSS, PHP and JavaScript.

KFC Maps

Part of a team that developed a web application in which enables intelligent traffic with visualisation. Developed an algorithm that improves visualization with a Voronoi diagram using ASP.NET, SQL with Internet libraries, such as Google API, Google Javascript API and D3.js.

Western Sydney Hotel

Designed and developed a hotel registration and booking web application in both ASP.NET with C# and HTML with PHP.

Wild West Pizza

Designed and developed a pizza ordering service mobile application in both iOS with swift and Android with Java.