Anamaya Garodia

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Education

University of Waterloo • Bachelor of Computer Science

Sep 2016 – Expected 2021 • Waterloo, ON

- **Dean's Honor List** for Fall 2016; **3.7** GPA; **Excellent** Academic Standing.
- Relevant Coursework: Object-Oriented Software, Computer Organization, Functional Programming, Logic, Linear Algebra II.

Experience

Application Developer • Canadian Imperial Bank of Commerce

May - Sep 2017 • Toronto, ON

- Migrated a **C#** ETL processing application, needed daily by the UK office, from **SQL Server** 2008 to 2012 by updating the code to reflect new requirements and standards, writing pre-deployment **SQL** scripts and updating documentation, test cases.
- Reduced daily downtime of a **C# SharePoint** Library Cleanup software to **zero** by enabling deletion of a large number of files a once and by improving general error handling; Deployed to new production servers, updated job scheduling **Autosys** scripts.
- Implemented Quality-of-Life features and bug fixes for the table maintenance web application, used by finance traders of the bank, using **ASP.NET(MVC), jQuery** and **Kendo UI** to increase productivity and efficiency.

Electrical Team • Waterloop

Nov 2016 – Feb 2017 • Waterloo, ON

- Designed schematics using Autodesk **Eagle PCB**, used in the levitation and eddy current braking circuits of the pod.
- First team in the world to achieve pneumatic levitation, using compressed air tanks mounted on the pod.

Volunteer • Hack the North

Sep 2016 • Waterloo, ON

- Provided help and support to over a 1000 hackers from around the world at the intense, 36-hour long event.
- Helped manage the technical setup of judging rooms to ensure smooth presentations by hackers.

Projects

Qwikia • Unlimited Pop Culture Trivia

- Implemented a conversational interface for Facebook Messenger with a webhook using **Node.js (Express)** and **MongoDB.**
- Asks trivia to the user on any topic they choose, and stores popular questions using a rating system for better user experience.
- Integrated entity recognition on **Wikia API** data using Google **Cloud Platform** to generate questions on the fly.
- Utilized **mongoose** for object modelling and deployed the server on **Heroku**, using continuous integration through **GitHub**.

codebb • Bloomberg AI Hackathon (2nd Place)

- Developed an AI using **Python** in 12 hours, used to play Bloomberg's multiplayer Asteroids-like game.
- Averaged over 200,000 points per round, more than double of almost all other teams.

JARVIS-on-Messenger • Smart Assistant (Open Source Contribution)

- Implemented a quick-reply feature for the jokes module of the bot using **Python**.
- Collaborated with the developer to ensure similar code style and documentation.

Skills

Languages & Frameworks - JavaScript (Node.js, jQuery), C, C++, Java, SQL Server, Scheme, C#, Python, HTML5, CSS3.
Tools & Misc. – Git, Heroku, MongoDB, Mongoose, Unix (Bash scripting), Visual Studio, TFS.