

Arshdeep Sidhu

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LINKS

Github: arshsidhu

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COURSEWORK

UNDERGRADUATE

Algorithms

Operating Systems

Functional Programming

Object Orientated Programming

Graphics

Data Structures

SKILLS

PROGRAMMING

Proficient in:

Java • Python • C • C#

Familiar with:

Ruby • Rails • Unity Scripting

C++ • HTML • JavaScript

SKILLS AND ABILITIES

- Punctual
- Vocal
- Hard Working
- Bilingual (English and Punjabi)
- Interpersonal Character

EXTRACURRICULARS

COMPUTER SCIENCE SOCIETY

- Voted by students to become the VP of Finance on the CSS.
- As a society, organize recreational and educational events for students.

COMPUTER SCIENCE GAMES

- Participates in the annual CS Games
- Challenges based on multiple computer science specializations.

HACKATHONS

2016 • MasseyHacks II • Top 5 Hack

2017 • DeltaHacksIV

2017 • Hack the Valley • Best Pitch

2018 • Hack the North

WORK EXPERIENCE

QUICKEN LOANS | INCOMING SOFTWARE ENGINEER INTERN

Jun 2020 - Aug 2020 | Detroit, MI

- Remote full-stack developer working in C# and .NET

GOVERNMENT OF CANADA

STATISTICS CANADA | SOFTWARE ENGINEER INTERN

May 2018 - Aug 2019 | Ottawa, ON

- Full-stack developer on the CPS (Census Processing Systems) team working on various projects to further help statisticians process Census information.
- Migrated a 2006 Census application from Windows Forms/SQL to WPF/LINQ.
- Working mainly with C#/.NET alongside Entity Framework 6 and XAML.

UNIVERSITY OF WINDSOR | TEACHING ASSISTANT

Jan 2018 - May 2018

Sept 2019 - May 2020 | Windsor, ON

- Taught weekly labs about different Data Structures and Algorithm topics.
- Held weekly office hours to tutor students with their classwork.

TAPLANE INC | UNITY DEVELOPMENT INTERN

May 2017 - Aug 2017 | Windsor, ON

- Worked in a team of four to complete mobile applications using Unity.
- Completed tasks assigned by team leader and met all designated deadlines.
- Completed and published a game on the Google Play Store.

EDUCATION

UNIVERSITY OF WINDSOR

B.Sc. IN COMPUTER SCIENCE

Expected Apr 2021 | Windsor, ON

Conc. in Software Engineering

Cum. Avg.: 80%

Major Avg.: 85%

VINCENT MASSEY S. SCHOOL

HIGHSCHOOL DIPLOMA

Graduated Jun 2016 | Windsor, ON

Cum. Avg.: 92%

PROJECTS

TODOLIST | ALEXA, DISCORD AND WEB-BASED TASK MANAGER

Languages: Ruby, Rails and Python

- Created a Discord bot using the Ruby API. Used CRON tasks to regularly remind the user when tasks are needed to be completed.
- Developed an Alexa Skill, which allows for users to add tasks by voice commands.
- Created a web application with CRUD functionalities to display all tasks.
- All three mediums connect to the same MongoDB cluster, allowing for seamless data sharing.

WINGBOT | ARTIFICIAL INTELLIGENCE WINGMAN

Languages: Python and Node.js

- Created a web application to help people find suitable partners based on their previous tweets.
- Applied lexical analysis using IBM Watson's AI to the a user's recent Tweets. Displaying user's emotions and likes and dislikes.