

Yousam Asham

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TECHNICAL SKILLS

LANGUAGES

Python • Java • C# • C • Groovy • HTML • CSS • Swift • SQL • MATLAB

TOOLS & FRAMEWORKS

.NET • Sonatype Nexus • XCode • NuGet • Jenkins • Cloudbees • UrbanCode Deploy • Visual Studio • \LaTeX

EDUCATION

MCMASTER UNIVERSITY | B.ENG.BME SOFTWARE ENGINEERING

Sept 2018 - Apr 2024 | Hamilton, ON • cGPA: 3.9 / 4.0

Dual Major in Software and Biomedical Engineering

EXPERIENCE

ONTARIO TEACHERS' PENSION PLAN | SOFTWARE DEVELOPER INTERN

May 2021 - Current | North York, ON

- Develop and help deliver in-house solutions created to aid portfolio managers' investment order booking.
- Design and implement new processes as well as enhancements to optimize pipelines & delivery infrastructure.
- Aid in automating DB refresh process to include 0 manual steps, including scheduling refreshes aligned to release cadence.
- Provide DevOps support to multiple teams and assist with production deployments and troubleshooting.

HONEYWELL | TECHNICAL LEAD ASSISTANT

Jan 2021 - May 2021 | Stoney Creek, ON

- Work with P3 Project Tech Lead to design and test software given requirements.
- Present and showcase designs to implementation team and vendors to communicate software requirements.

LLETONNA | IOS APPLICATION DEVELOPER

May 2020 - August 2020 | Hamilton, ON

- Work with Swift to develop the MomsInMind application.
- Co-operate with other volunteers and students to come up with a functional application.
- Attend team meetings and manage team sprints to meet deadlines in a timely manner.

PROJECTS

MOMSINMIND | SWIFT

- An iOS application developed to help moms that deal with postpartum depression.
- Swift was used along with XCode to build the blueprints and the reusable units of a functional application.

FILTRACK | JAVA

- A Web App used to help users look for music recommendations from a large data set of 300,000+ tracks.
- Uses scores assigned to each track and match it with the user's input of what music the user would like to hear.
- Designed and implemented various graphing, sorting, and searching algorithms.

REACBALANCE | PYTHON

- A an object oriented python program that balances given chemical equations.
- Applied knowledge about software development structure as well as the importance of object oriented programming, modularization, and information hiding.