NOMAAN AHMED

🌐Toronto, ON | ☎(514)567-7753 | ✉nomaan.ahmed.8@gmail.com | 🌐NomaanAhmed.com

SUMMARY

An upcoming Software Engineering graduate with proven experience looking for a challenging opportunity. A fast learner with strong leadership skills always ready to bring something to the table.

TECHNICAL PROFILE

Programming:
- **OOP:** **Python** (Big Data incl. R, AI, ML), **C#** (.NET Applications), **Java** (Desktop Applications), **C++** (Game Development)
- **Web:** **JavaScript/JSX** (ReactJS, GatsbyJS, Node.JS/npm), **TypeScript** (Web applications, Angular), **Python** (Django), **CSS** (Sass), **PHP** (Laravel);
- **Mobile: Swift** (iOS Applications), **Objective-C** (iOS Applications), **Java** (Android Applications), **C#** (Cross-Platform Applications)
- **DBMS: MySQL**, **MongoDB**
- **SVN: Perforce** (P4V), **Git** (GitHub, GitLab, BitBucket)

Other:

Big Data & ML Methodologies. Atlassian Suite (JIRA, Confluence, Bitbucket). Unity/3D, Unreal Engine 4. Agile/Scrum.

WORK EXPERIENCE

Tools Programmer   May 2016 - September 2016
Ubisoft Montréal   Montreal, QC
- End of previous contract resulting in switching to a new team by request of new team lead and recommendation of previous team lead due to performance.
- Development using TypeScript with a MongoDB backend. Version control using Git.
- Implementation of APIs to track user interaction and assess proper use of features.
- Created a tool using NPM & Bower packages to automatically generate documentation for developers' code in Markdown.

Tools Programmer   January 2016 - May 2016
Ubisoft Montréal   Montreal, QC
- Maintained and optimized real-time, collaborative tools used in production of AAA titles pre-release and post-release.
- Required high proficiency in C# and WPF. Version control using Perforce.
- Gained experience working in a collaborative development environment. Heavy use of Scrum/Agile with strict deadlines and tight workflows.
- Worked with highly confidential information as titles were unannounced.
- Strict workflow involving not only development but client request and UX adherence.
- Valuable exposure to a team-based environment in which members depend on each other to meet deadlines.

Engineering Intern   **June 2011 - September 2016**
 Velan Inc.   **Montreal, QC**

- Full-time summer job in a professional engineering environment (as well as continuous extensions of contract for part-time work during the school year).
- Responsible for updating and maintaining an inventory and shipment management database requiring annual overhaul.
- Automated many daily tasks using basic scripts to optimize efficiency.
- Analysis and reporting of chemical processing procedures within an industrial setting.
- Assisted in review and drafting of technical drawings and submission requirements for manufacturing.
- Involved in teamwork and assisted in training of others.

EDUCATION & RELATED COURSES

Concordia University

B.Eng. – Major Software Engineering   **Expected: May 2019**
Currently enrolled at the Gina Cody School of Engineering & Computer Science at Concordia University.

- Big Data Analytics
- Artificial Intelligence
- Discrete Math for Computer Science
- Web Applications
- System Hardware
- Principles of Programming Languages
- Operating Systems
- Software Architecture I & II
- Software Process
- Control Systems Engineering
- Computer Graphics
- Data Structures & Algorithms

OTHER (Interests, Accomplishments)

- Multilingual – Fluent in English, French, Urdu and Hindi; conversational fluency in Italian.
- Strong leadership skills - always took on role of team lead in all group settings, often by request of repeat group members.
- Big Data & its applications in Machine Learning/AI.
- Self-taught Apple's "Swift" language and syntax, and rebuilt old app structures to bring them up-to-speed with the changes that came with the introduction of a new language.
- Experience with Adobe Creative Suite and media editing software (Aperture, Logic Pro).
- Familiar with sound and media composition and editing, as well as audio coding formats, compatibility, and compression.
- Consistent honors throughout studies.

VOLUNTEER EXPERIENCE

2014	Projet Communautaire de Pierrefonds (Pierrefonds Community Project)
2013	YMCA Community Volunteer Snowboarding Instructor
	Charity DJ for Multiple Fundraisers
2012	Kids Help Phone
	Travelled to Hawaii to volunteer at the Boys & Girls Club

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(If you liked that, check out <u>NomaanAhmed.com</u>!)