Ousmane Amadou

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EDUCATION

• University Of Toronto

Toronto, ON

Bachelor of Science in Computational Cognitive Science and Statistics

Sept 2017 - Present

- Relevant Courses: Introduction to Theory of Computation, Data Computation and The Mind, Software Design, Interaction Design, Modern Symbolic Logic, Linear Algebra I, Calculus I and II
- o Activities: Phi Kappa Sigma, Game Development Club, Vocomotive Jazz Choir, The Entrepreneurship Hatchery

• Earl of March Secondary School

Ottawa, ON

Ontario Secondary School Diploma

Sept 2012 - June 2016

o Activities: President of Computer Science Club, Musical Theatre Pit Band, Jazz Band

Experience

• Weav Scarborough, ON

Technical Co-Founder and Developer

Sept 2017 - May 2018

- Project Summary: Weav is an app that matches drivers and riders for scheduled rideshares. Please visit https:/letsweav.com for more.
- \circ Milestones: Successfully completed 20,000 dollars in seed round funding and admitted as a member of the Hatchery's 2018 Summer Nest Cohort.
- o Technical Writing: Assumed all of the technical writing and data archival duties. Created and maintained back-end API documentation, uml diagrams, and system design documents.
- System Architecture: Designed the core system architecture, using AWS as our primary cloud service provider.
- **Development:** Developed and deployed the first two versions of the company website from reference Photoshop files to an AWS ECS Instance.

• Computer Science Enrichment Club

Scarborough, ON

Sessional Lecturer

Sep 2017 - Apr 2018

o Algorithm Lectures: Presented a series of bi-weekly competitive programming lectures to a group of keen rst vear computer science students. Topics that I covered were basic data structures, graph data structures, and dynamic programming problems. See the presentation slides here.

• Ottawa-Carleton District School Board

Ottawa, ON

On Call Sound/Lighting Board Operator

Sept 2013 - Jul 2016

- Liason: Elected A/V Liason for the EOM students council for a 1 year term and collaborated with event organizers to design sound and lighting for coffee houses, dance showcases, etc.
- o Sound Team Member: Mixed audio and managed sound cues for live events. Trained new members to understand basic cable management, setting up microphones, using a mixer, etc..

Projects

- Shoppr: A smart shopping tool for mall and indoor shopping environments. See more here.
- Solutions Archive: A snapshot archive of my solutions to programming competitions. These solutions were written in C++, Java or Python. Go to github.
- Text Time: A speed texting prototyped at UofTHacksV. Made in Unity3D+C#. Go to github.

TECHNICAL SKILLS

- Scripting: HTML, CSS, Javascript, Bootstrap, SemanticUI
- Programming: Python, Java, C++, C#, LATEX
- Technologies: AWS, Trello, Unity3D, Adobe XD, Adobe Photoshop
- Other: UX Design, Technical Writing, Sound Mixing

AWARDS AND ACHIEVMENTS

- ACM-ICPC Regional Qualifier: Placed 28th out of 126 teams at the 2016 ACM-ICPC regional qualifier.
- Ottawa Youth Network's App Jam: Finalist out of 100+ Submissions.
- UTSC's The Hub Pitch Competition: Winner of 2017's Pitch Competition for Weav.