70-20 108st Apt. 4K
Forest Hills, NY 11375

ISABELLE WONG

(347)706-5596
isawong@umich.edu

EXPERIENCE:

Goldman Sachs — **Summer Technology Analyst**
Equities One Delta Engineering — *May 2018 – Aug. 2018*

- Developed a web application using Java, Vert.x, and ReactJS that assists traders in making better trading decisions by aggregating trade information and alerting on crossing opportunities across the desk
- Actively discussed design and functionality with a desk trader to understand business use cases and iteratively improve upon the new tool, replacing an old thick Java Swing client

Goldman Sachs — **Summer Technology Analyst**
Equities Derivatives Engineering — *May 2017 – Aug. 2017*

- Developed an auto hedger for traders using Slang and ReactJS to automate the hedging of end-of-day (EOD) risk given trading strategies and portfolios, and visualize the proposed trades before booking
- Collaborated with an exotics desk trader to understand business use cases and propose tool functionalities

Microsoft — **Explore SWE Intern**
Connected Devices / Dev Platform / WDG — *May 2016 – Aug. 2016*

- Designed and developed AirShare, a temporal proximity-based group chat and file sharing UWP app
- Enhanced code design skills, using C# to manage peer-to-peer connections between devices while considering reliability, security, and usability when sending messages

EDUCATION:

University of Michigan — **Sept. 2015 – Apr. 2019**
College of Engineering, GPA: 3.53/4.0 — *Major: Computer Science / Minor: Math*

- College of Engineering Dean's List, Joseph M. Geisinger Scholarship Awardee, Cisco Scholarship Awardee
- GEECS (Girls in EECS) President, EECS445 Grader, Upcoming EECS281 Instructional Aide
- EECS445 (Machine Learning), EECS482 (Operating Systems), EECS281 (Data Structures and Algorithms), EECS370 (Computer Organization), MATH425 (Probability), MATH217 (Proof-Based Linear Algebra)

SKILLS:

Languages: C++, C, C#, Python, Java, React.js **Frameworks/Tooling:** Vert.x, Tensorflow, Git

PROJECTS:

CroMa (Crowds + Machines) Lab **Workflow Dev** **Jan. 2018 - Current**

- Project Head leading a team of several undergraduates ranging from freshmen to juniors
- Creating a workflow tool that helps developers train better machine learning models by streamlining the process of gathering crowdsourced data and learning appropriate recommendations for editing the data workflow based on human and system intelligence

CroMa (Crowds + Machines) Lab **AR Collaboration** **Sep. 2017 - Current**

- Developing a platform in AR with the HoloLens using C# in Unity that leverages human intelligence through the crowd to facilitate more efficient group collaboration for information tasks
- Delving into relevant literature and formulating user studies to better support and frame the problem

PAPERS:

CroMa (Crowds + Machines) Lab — **SketchExpress**
University of Michigan Ann-Arbor CoE — *April 2017*

S.W. Lee, Y. Zhang, **I. Wong**, Y. Yang, S. O'Keefe, W.S. Lasecki. SketchExpress: Remixing Animations For More Effective Crowd-Powered Prototyping of Interactive Interfaces. In *Proceedings of the ACM Symposium on User Interface Software and Technology (UIST 2017)*. Quebec City, Canada. 2017.