

## EDUCATION:

---

**Bachelor of Arts** in Computer Science & Economics at **Macalester College**, Saint Paul, MN

Expected May 2021

**Honors:** Dean's List (Fall 2015, Spring 2016, Fall 2019), Kofi Annan Scholarship, Omicron Delta Epsilon

Current GPA: 3.7/4.0

## RELEVANT COURSES:

---

- |                                 |                                   |                                |
|---------------------------------|-----------------------------------|--------------------------------|
| • Algorithm Design and Analysis | • Intro to Econometrics           | • Statistical Machine Learning |
| • Responsive Web Design         | • Software Design and Development | • Object-Oriented Programming  |

## SKILLS:

---

- Git, Python, Java, R, Stata, Linux, Ruby on Rails, HTML5, CSS, JavaScript, Phaser, ArcGIS, C, SQL, S&P Capital IQ Platform
- Microsoft Word, Excel, PowerPoint

## EXPERIENCE:

---

**AIM Consulting Data Hackathon**, Edina, MN

*Third Place*

February 2020

- Predicted which water pumps are functional or not as a team, using R and data aggregated from the Tanzania Ministry of Water
- Performed in the top 15<sup>th</sup> percentile across the U.S., with a prediction accuracy rate of 79.6%

**Econometrics Research Paper**, Saint Paul, MN

*Author*

September 2019 – December 2019

- Analyzed the effect of air pollution, PM<sub>2.5</sub> specifically, on premature deaths in the 13 largest counties in the United States
- Compared the effect on different races and diseases, such as lung cancer and chronic obstructive pulmonary disease, by using Stata

**Macathon**, Saint Paul, MN

*Semi-Finalist*

November 2019

- Worked overnight as a team of four, developing a P2P car sharing business model that makes more efficient uses of cars
- Developed a working demo application and delivered professional presentation to professionals in different fields

**Neoteny**, Seoul, Republic of Korea

*Research Assistant*

March 2019 – June 2019

- Conducted in-depth research of different companies and industries for investing and M&A purposes
- Created and translated teasers, information memorandum, and company profiles based on the research conducted
- Strengthened knowledge of overall M&A process by participating in meetings with the decision makers
- Communicated with people from different companies including the partner company, Lincoln International

## LEADERSHIP:

---

**7<sup>th</sup> Ammunition Depot**, Chungju-si, South Korea

*Sergeant*

June 2017 – March 2019

- Served as rifleman and squad commander, leading a squad of seven soldiers in regular training and guard duty
- Achieved "Combat Professional" title, given to those with high achievements in physical tests, shooting, and morale

## ACTIVITIES/AWARDS:

---

**Macalester Software Development Organization**

*Member*

September 2019 – Present

- Deepen understanding of software development and coding by discussing programming languages and projects
- Improve coding ability by working on individual projects and teamwork skills by working in groups

**Getting Through the Fourth Industrial Revolution with a Blockchain-based SNS**

*Co-Author*

August 2019 – Present

- Co-write a book about SNAC, a blockchain-based SNS where users earn the cryptocurrency SNAC by interacting on social media
- Expected to be finished by February 2020, and translated into Vietnamese by May 2020

**CFA Research Challenge**

*School Representative*

October 2016 – January 2017

- Wrote a comprehensive report on a medical device company: Vascular Solutions
- Provided a buy/sell recommendation to potential investors based on thorough industry and company research
- Enhanced teamwork and attentiveness by collaborating with four fellow students and two industry professionals