

HYEONG JOON "HJ" SUH

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EDUCATION

Princeton University Princeton, NJ Expected June 2020

- Major in Computer Science | Bachelor of Science in Engineering | GPA: 3.96/4.0
- Relevant Coursework: Algorithms and Data Structures, Advanced Programming Techniques, Probability and Stochastic Systems, Introduction to Programming Systems, Introduction to Logic Design, Multivariable Calculus, Linear Algebra with Applications

Eton College Windsor, United Kingdom June 2014

- A Levels: Single Math A*; Further Math A*; Chemistry A*; Physics A* | AS Levels: Latin A
- SAT I: 2400 | SAT II: Math IIC (800); Latin (800)

RELEVANT WORK EXPERIENCE

Timescale | Software Engineering Intern New York City, NY June 2018 ~ Present

10-week internship at a start-up that is building a time-series database on top of PostgreSQL

- Used TimescaleDB database, Python, R and Apache MADlib to build ARIMA and Holt-Winters models to make time series forecasts on a public New York City taxicab dataset
- Built a system to automatically run and store benchmark metrics of time-series databases
- Automated Valgrind memory leak tests on main codebase for more systematic error detection

Viva Republica | Research Intern Seoul, Republic of Korea Apr 2017 ~ May 2017

5-week internship at a start-up that is developing "Toss", a financial services platform app

- Researched foreign companies' data to establish a benchmark for product development
- Authored 14-page research report on the global FinTech market through the analysis of industry leaders to identify trends and analyze the company's position in a global context

Republic of Korea Army | Sergeant Seoul, Republic of Korea July 2015 ~ Apr 2017

Mandatory military service as a Korean-English interpreter at R.O.K Transportation Command

PROJECTS

Course Selection Website | Python, JavaScript, HTML, CSS Feb 2018 ~ May 2018

- Developed a Django web application, which simplifies students' course selection process by automatically detecting scheduling conflicts and taking user preferences into account

Linux Shell | C June 2018 ~ July 2018

- Implemented using Linux processes, low-level I/O, inter-process communication, signals and pipes

Othello Game Referee | C Dec 2017 ~ Jan 2018

- Developed a program that simulates and referees a board game by managing Linux processes

Chrome Extension | JavaScript, HTML, CSS July 2018 ~ Aug 2018

- Developed TabBomb, which facilitates better tab and time management on Chrome browser

ACHIEVEMENTS

Shapiro Prize for Academic Excellence Princeton, NJ Sept 2017

- Awarded to 90 Princeton freshmen and sophomores for outstanding academic achievement

King's Scholarship Recipient Windsor, United Kingdom Sept 2009 ~ June 2014

- Awarded to 14 students with the best performance in the King's Scholarship examination

SKILLS

Programming: Highly proficient in Java, C, Python, SQL | Familiar with JavaScript, Go, HTML, CSS, R

Language Fluency: Korean, English, Chinese (conversational)