

Taeyeong Kim (Hayden Kim)

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OBJECTIVE

A highly motivated new graduate seeking a challenging entry level software engineering position where I can utilize and improve my problem solving skills.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY (Georgia, USA)

Aug 2014 – May 2018

B.S. Computer Science (Concentration: Intelligence & Media)

GPA: 3.3

EXPERIENCE

Research Assistant, GEORGIA TECH

Sept 2016 – May 2018

- Developed an Android application using proximity-based hardware to solve the 'bus-bunching' problem by improving the prediction of bus arrivals and departures with 99% accuracy.
- Implemented machine learning models to predict bus departures and arrivals based on day, time of day, and weather.

Software Engineering Intern, SECUREWORKS

Mar 2017 – Aug 2017

- Developed the tools and infrastructure for the new internal product called Multi Purpose Logic Engine GUI for the Security Operation Center analysts to use.

Software Engineering Intern, DELL SECUREWORKS

May 2015 – Aug 2016

- Prototyped the location awareness functionality for a threat monitoring web application that provides reports of intelligence and analytics for customers, that was later put into production.
- Troubleshooted the portal functionality and performance issues on both the back-end services and user interface.
- Fixed and refactored controller files to increase the portal build efficiency by 70%.

FEATURED PROJECTS

NeighborBonus, HackGT 2017

Oct 2017

- Developed an end-to-end web application model from scratch for earning apartment referral bonuses that 70% of the residents fail to claim using MEAN stack.
- Responsible for writing the search function on the main page, incorporating Google Map API to aid visualization of the map with dollar signs, and handling profile register/login/logout functions along with user authentication.

URL: <https://devpost.com/software/refer-4-in-com-tf9goj>

Full MOBA Competition, GEORGIA TECH

Aug 2017

- Won 1st place (/40) in the round-robin tournament, where my Heroes and Minions AI python implementation beat those written by other students.

Honeycomb.us

Oct 2016

- Created a web application, which visualizes the grade statistics of all classes at Georgia Tech, including the instructors' grade distributions so that students can comprehend the difficulty of classes regarding their schedule.
- Contains 210K+ classes and 5K+ instructors since 1997.

SKILLS

Languages: Java, Python, JavaScript, HTML, CSS, MATLAB, SQL, ^LA^TE^X

Natural Languages: Fluent English and Korean

Framework: Lift, Bootstrap, Express.js, Angular

Version Control: Git, SVN