**Hyemin Hwang**

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**Objective**

Actively searching for **a full-time job starting May 2018**

**Education**

**Georgia Institute of Technology**,Atlanta, Georgia *August 2016 – Present (****Expected May 2018****)*

Master of Science in **Computer Science**

Specialization: **Visual analytics, Information visualization**

Sejong University,Seoul, South Korea *March 2012 – February 2016*

Bachelor of Science in Information and Communication Engineering

**Work Experience**

**Equipment and Lab Automation Project** *May 2017 – Present*

*Graduate Research Assistant, Materials Informatics for Engineering Design Lab*

* Building a globally-shared data infrastructure for automated collaboration of instrument-generated data.
* Role: Developed and maintained project website using the **Django** web framework and **Bootstrap**.

**Academic Projects**

**Multimodal Interaction for Exploration** *May 2017 – Present*

*Master Project, Prof. John Stasko*

* An information visualization system targeting the Microsoft Surface Hub, providing multiple modes of interaction.
* Role: Developed the user interface using **Bootstrap** and **D3.js**, and **Hammer.js** for multimodal interaction support.

**Classification Model for Predicting Vehicle Accidents** *January 2017 – May 2017*

*Data visualization and Analytics, Prof. Polo Chau*

* A classification model that assists public safety personnel by assessing the risk of vehicle accidents in a given area.
* Role: Used **Leaflet.js** and **Mapbox.js** to geographically visualize the model on an interactive web application based on **Bootstrap**.

**Visualizing the Designer Community** *August 2016 – December 2016*

*Information Visualization, Prof. John Stasko*

* Designed a web application that helps users explore the online designer community, Dribbble.com.
* Role: Developed the web user interface by using **Bootstrap** and **D3.js**.

**Technical Skills**

* **Web-developing tools:** Angular.js, Bootstrap, Django, Node.js**,** Express.js.
* **Information Visualization tools:** D3.js, Leaflet.js, Mapbox.js, Amchart.js.
* **Languages:** C, MATLAB, Java, Python, Javascript, HTML, CSS.
* **Version control:** Git

**Awards and Scholarships**

**Korean government Scholarship** *August 2016 – May 2018*

* Selected among 33 recipients to receive $100,000 over 2 years.

**Haiam Art & Science Foundation Scholarship** *March 2014 – February 2016*

* Selected among 25 recipients to receive $18,000 over 2 years.

**Academic Excellence Award** for two semesters, Sejong University *September 2012, March 2013*