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*