

In-Young Jo
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School Address:
Duke University
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EDUCATION

Duke University, Durham NC

BSE Electrical and Computer Engineering; BS Economics; Minor Computer Science May 2016

- Relevant Coursework: Software Design and Implementation, Data Structures and Algorithms in Java, Introduction to Econometrics, Intermediate Microeconomics
- GPA: 3.314/4.0 Dean's List Fall 2013

Durham Academy, Durham, NC

May 2012

- GPA: 3.84/4.0

WORK AND LEADERSHIP EXPERIENCE

Duke University Computer Science Department, Teaching Assistant

January 2014 – Present

- Tutor students in weekly office hours for course Compsci 201: Data Structures and Algorithms
- Assist the professor through grading coursework and completing clerical work

Duke Spine Center Department of Neurosurgery, Research Assistant

June 2013 – January 2014

- Collected data from spine surgery patients to compare the efficacies of a variety of minimally invasive surgical procedures.
- Used Excel to compile data and developed a Java program to organize and format patient information.

Smith-Breeden Associates, Financial Model Software Development Intern

May 2012

- Worked collaboratively with a partner to write a computer program that could extrapolate the Federal Funds Rate using a variant of the Taylor-Rule.
- Used Eclipse to build a Java application, which contained a user interface that took input from users as values for constant variables to modify regressions.

Mars Outreach for North Carolina Students, Research Mentor

February – August 2012

- Personally helped 10 high school students develop and execute experiments to perform research pertaining to the thermal properties of sediments on Mars that was later published.
- Used circuitry, Arduinos, robotics, Robot C, Eclipse, Java, and Excel modeling to conduct experiments and data analysis

PUBLICATIONS

Jo, I., Elam, J., Pokuri, K. & Garcia, V. (2012). *Thermal Model Comparison of Fine Grain Sized Sediments with Respect to Moisture Content*. Houston, TX: Lunar and Planetary Institute.
Abstract presented at 43rd Lunar and Planetary Science Conference

ACTIVITIES AND SKILLS

Computer: Java, Git, Arduino, LaTeX, MATLAB, and Microsoft Office

Language: Advanced Spanish and Intermediate Korean

Delta Tau Delta, Merchandise Chair

April 2013- Present

- Allocated fraternity resources towards facilitating the purchase and sale of merchandise.

Duke Men's Crew, Safety Officer

August 2012 – May 2013

- Competed in national-level regattas
- Managed daily team safety operations