

John J. Kim

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Education

Vanderbilt University, Nashville, TN

2015 – 2019

- Dual Major: Mathematics, Computer Science
- Overall GPA: **3.74** / 4.00, Mathematics GPA: **3.79** / 4.00, Computer Science GPA: **3.78** / 4.00
- ACT: **34** / 36, SAT Mathematics Level 2: **800** / 800

Work and Volunteer Experience

Students Consulting for Nonprofit Organizations

August 2018 – April 2019

Project Manager

- Developed profit-generation recommendations and implementation strategy for Dismas House, a local Nashville nonprofit assisting felons integrating back into society.
- Created engagement strategy, directed six student consultants, and served as the primary client liaison.

AT&T Global Connections and Supply Chain Strategy

May 2018 – August 2018

Summer Analyst

- Analyzed spend data to identify \$2M cost-savings opportunity by optimizing purchasing process; presented findings and recommendations to senior leadership.
- Sized opportunity, identified revenue and costs synergies for ~\$100M company seeking new markets.
- Investigated susceptibility of key suppliers to PE M&A activity in order to mitigate potential disruptions in supplier-relationships.
- Conducted interviews across supply chain to identify contracting pain points and translate into opportunities for cognitive contract management tool.

Accenture Innovation Garage

August 2017 – April 2018

Team Leader

- Performed in-depth research into the retail industry with a concentration on the apparel segment.
- Prototyped and began development of an ML-driven digital platform to generate revenues for a mid-sized apparel retailer.
- Lead team meetings; managed team workstreams and communication with program sponsors.
- Used Python to scrape data and build product recommendation algorithm using logistic classification.

JMRK Consulting

May 2017 – September 2017

Co-Founder

- Co-founded and led a student-run management consulting group.
- Analyzed market entry strategies, competitor landscapes, and revenue models, and designed slide decks.
- Completed three engagements with an AI startup before terminating due to non-compete obligations.

Vanderbilt University CompSustNet Laboratory

June 2017 – August 2017

Research Assistant

- Researched uses of natural language processing in promoting environmental and cultural sustainability.
- Used Python to create algorithms from scratch to scrape data from online sources, analyze sentiment and topic diversity within pieces of text, and capture quantitative representations of raw semantic data.
- Used HTML, CSS, and JavaScript to connect algorithms to a front-end user interface.

Achievements

KPMG International Case Competition National Champion

February 2017

- After winning the Vanderbilt University campus competition and the North Atlantic regional competition, placed 1st in the national round of KPMG's International Case Competition out of 42 universities nationally.
- Synthesized solutions to business problems, prepared slide decks, and gave 20-minute presentations all within three-hour timeframes.

Independent Projects

Concept Search – Created a search algorithm that contextualizes a given query to provide refined results. Used Python.

Titanic Classifier – Created logistic classifier to predict whether a passenger survived, given passenger characteristics, including gender and fare. Used MATLAB.

Handwriting Recognition – Wrote neural network classifier to read handwritten numbers. Used MATLAB.

Technical Skills & Interests

Proficient: Python | C++ | C | ARM Assembly | SQLite; **Familiar:** Java | MATLAB | UNIX | HTML | CSS | JS

Interests: classical piano, Rubik's Cube, virtual reality program development, weightlifting