KIMBERLY DING

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EDUCATION

Princeton University   Expected June 2021
- Prospective Bachelor of Science in Engineering degree in Computer Science; 4.000 GPA
- Relevant coursework: Probability and Stochastic Systems; Advanced Vector Calculus; Linear Algebra with Applications; Algorithms and Data Structures; Introduction to Programming Systems; Fundamentals of Statistics

WORK EXPERIENCE

BAM.money, *Software Developer*   June 2018 - Present
- Write programs to process scanned documents using optical character recognition

Princeton University, *Research Assistant*   June 2018 - Present
- Implement recently-researched machine learning algorithms in Python
- Test algorithms on real and simulated datasets and analyze performance

Princeton University Career Services, *Peer Career Adviser*   January 2018 - Present
- Guide students on their career paths by providing advice and reviewing documents
- Organize and advertise career-related events

Art of Problem Solving, *Grader*   April 2017 – March 2018
- Provided detailed, step-by-step feedback on homework problems to aspiring mathematicians

West Windsor Public Library Kids' Chess Club, *Instructor*   August 2014 – August 2016
- Provided instruction to beginning- and intermediate-level chess players

PROJECTS

HackPrinceton Spring 2018   March 2018
- Used HTML, CSS, JavaScript, and Herokuapp to design and deploy a personal website

HackPrinceton Fall 2017   November 2017
- Wrote a reminder app for iOS in Swift

New Jersey Governor's School of Engineering & Technology   July 2016
- Developed a 3D-printable prosthetic hand, modeling each component in SOLIDWORKS
- Collaborated on a research paper and presented project at research symposium

EXTRACURRICULAR ACTIVITIES

Princeton University Mathematics Club, *Treasurer*   February 2018 – Present
Society of Women Engineers, *Member*   September 2017 – Present
Asian American Students Association, *Member*   September 2017 – Present

AWARDS

2017 NCWIT Award for Aspirations in Computing: New Jersey Affiliate Honorable Mention
2016 Math Prize for Girls: Honorable Mention
2016 Math Prize for Girls Olympiad: Bronze Medal
Woman FIDE (World Chess Federation) Master
National Merit Finalist
National AP Scholar

SKILLS

Programming languages: Java, C, Python, R, HTML, CSS, JavaScript

Software: Microsoft Office, Google Docs/Sheets/Slides, SOLIDWORKS
Miscellaneous: LaTeX, chess, extremely fast typing (150 WPM)