MATTHEW (JOONHO) MOON

+1 (415) 900-6536 ■ mattmoon@berkeley.edu ■ 2338 Bancroft Way, Berkeley, CA 94704

EDUCATION

University of California, Berkeley | Expected May 2021
B.A. Computer Science, B.A. Economics, College of Letters and Science
Coursework: Data Structures, Structure and Interpretation of Computer Programs, Discrete Mathematics and Probability Theory, Linear Algebra and Differential Equations, Multivariable Calculus

WORK EXPERIENCE

Republic of Korea Army | 5th Corps Logistics Support Brigade 15th Supply Battalion, Pocheon, South Korea   **August 2017 – May 2019**
Logistics Specialist, Squad Leader, Sergeant
- Analyzed the deployment flow of class II items, increasing storage efficiency by 15%, and commanded a squadron of 10+ soldiers during five axis-wide trainings, boosting time efficiency of class 2 and class 4 items deployment by 20+% than previous trainings
- Managed $1.2 billion worth of class II, class III, and class IV logistics items, by creating and managing them in csv format
- Protocoled bimonthly meeting between battalion commanders of the 70th BSB Commander from the US Army and the 15th BN Commander, while preparing inductor powerpoint slides and other operations-related documents and slides
- Commanded a squadron of 10+ soldiers during multiple trainings such as boosting time efficiency of class 2 and class 4 items deployment by 20% than previous trainings
- Founded station-wide "Learning English in Pocheon" ESL program for soldiers, to accelerate communication with the US Army

X-Lab Inc. | Berkeley, California   **August 2016 – December 2016**
Business Operation Intern
- Marketed Spendwallet, a payment solution device that works with a combination of a patented magnetic flux emulation technology and near field connection technology, through various social media platforms, raising $170,000+ from crowd-funding websites
- Assisted the head of Business Development in negotiation of a partnership deal, resulting in enhancement of customer experience
- Developed a list of 30+ Venture Capital firms in Northern California through active online research

Seoul Credit Rating & Information | Seoul, South Korea   **June 2016 – July 2016**
Fintech Intern
- Analyzed personal financial information, such as individual credit information, to governmental and regulatory institutions
- Led a project on the company's establishment of a new cyber security branch by communicating with a potential benchmark company
- Conducted research on growing fin-tech companies to assist in investment pitches to board members

PROJECTS

BearMaps | Berkeley, California   **August 2019**
Finance Committee Chair
- Implemented the backend for a map application, which focuses on the campus town of Berkeley, with zoom and drag functionality
- Calculated and displayed optimal routing between locations, by utilizing A* search algorithm
- Built and integrated an autocomplete feature to suggest locations from inputted search terms, using trie data structure

GitLet | Berkeley, California   **July 2019**
Finance Committee Chair
- Created a version-control system that closely mimics Git with reduced using java from scratch
- Designed internal file structures and other functionalities such as backup commits, merge, branches and remote usage

DaniBio | Berkeley, California   **May 2017**
- Implemented DNA translation to a number of possible RNA, using Ruby on Rails
- Created and designed the frontend of the website, using html and cs

LEADERSHIP & ACTIVITIES

Korean American Student Association (KASA) | Berkeley, California   **January 2016 – May 2017**
Fundraising Chair, Community Service Chair, Family Head
- Created and managed fundraising events to fund for organization operations, increasing raised funds by 15% than previous years.
- Provided opportunities such as "Berkeley Project" for 20+ KASA members and officers to give back to the community
- Marketed Korean American Student Association to incoming Freshmen over Summer in Seoul, increasing memberships by 50+

Phi Beta Lambda | Berkeley, California   **January 2017 – May 2017**
Finance Committee Chair
- Conducted firm valuations, including discounted cash flow analysis, comparable companies and precedent transactions
- Participated in stock pitch simulation of various companies with other committee members and presented in front of the Chairs

SKILLS & INTERESTS

Languages: English (Fluent), Korean (Fluent), Chinese (Conversational)
Technical: Python, Java, SQL, HTML, Microsoft Office (Word, Excel, PowerPoint)
Interests: Weight Training, Soccer, Rugby, Books, Stock Investing, Travelling