ALEX AHN

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EDUCATION

Johns Hopkins University   **Baltimore, MD**
Bachelor of Science, in Computer Science, Applied Mathematics and Statistics
May 2018
- Cumulative GPA: **3.93**/4.00 (a member of UPE honor society)
- Relevant Coursework: Machine Learning, Networks, Parallel Programming, Data Mining, Information Retrieval, Algorithms, Data Structures, Mobile Apps, Video Games, Statistics, Probability, Optimization, Linear Algebra

EXPERIENCE

Facebook   **Menlo Park, CA**
Software Engineer   June 2018 - Present
- Instagram Ads Team.
- Interned at News Feed Growth Team.
- Won a companywide Hackathon.

Moloco   **Palo Alto, CA**
Software Engineer Intern   May 2017 – May 2018
- Collaborated in building a mobile DSP infrastructure (Go) and data pipelines (Java, Python).
- Led on creating the internal tools system to simplify and automate over 40% of the campaign operations.
- Launched mobile event tracking SDK Suite (Android, iOS, Unity, and JavaScript).
- Built an interactive Creative Manager on web for external advertisers (React & Redux).
- Contributed in constructing campaign management API for client-side products.

Johns Hopkins University   **Baltimore, MD**
Research Assistant   Sept 2016 – May 2017
- Created data analytical web application for the Oracle project using Django and React.
- Developed various machine learning prediction models in Python and R, using crawled MLB Gameday database.
- Designed unique features, automated model trainings and performance evaluations using cross-validation and ROC.

PROJECTS

MediBlock (1st Place Overall Project for HopHacks 2018)   **April 2018**
- Built a user-friendly web application for decentralizing medical treatment costs using blockchain technology.

Ansic Therapy   **June 2017**
- Constructed a scalable food recommender system based on patients' medical information, in collaboration with a medical doctor.

Facebook Sentiment Analysis   **May 2017**
- Designed a tool for analyzing and visualizing public sentimental responses to Facebook page posts using LDA, PCA and clustering.

Semester.ly   **April 2017**
- Contributed in an open source search engine for universities' course databases on Django using document vector space modeling.

Ex Parte   **March 2017**
- Built data ETL pipelines for constructing a relational database from world-wide-web, legal documents, and existing databases.

MAVI (Best Healthcare Project Award for HopHacks 2017)   **Feb 2017**
- Created an AI mobile application addressing real life problems for visually impaired individuals through NLP and computer vision.

CafeIt   **Dec 2016**
- Developed an Android application for local café infrastructure to make the process of ordering coffee efficient and interactive.

LEADERSHIP

Director of Entrepreneurship - *Alpha Kappa Psi (Rho Psi Chapter)*   **May 2016 – May 2017**
Course Assistant - *Intro to Machine Learning, Data Structures, Oral Presentations*   **Jan 2016 – May 2017**

TECHNICAL SKILLS

Languages   Java, Python, Hack/PHP, Go, JavaScript, SQL, R, C++, C, C#, Objective C (in order of proficiency)
Frameworks / Libraries   React, React-Native, Angular, Django, BigQuery, Firebase, Scikit-Learn, TensorFlow, OpenCV