Kamyar Ghiam

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kamyar.info

Education

Carnegie Mellon University

B.S. Computer Science and Business Administration

$230,000 Presidential Scholarship to CMU

Class of 2021, GPA: 3.65

Awards

- Awarded 3 times from Google, GSK, and Sandia at *HackCMU* for creating ML-powered sign-language to speech translator
- Presidential Scholarship to Carnegie Mellon
- Regeneron International Science Talent Search (STS) Research Report Award

Leadership

- Head Teaching Assistant for 15-210: Managing 20 computer science teaching assistants in 200+ student course (Algorithms/Parallel Computing)
- Co-founder of CS-Tutoring: Managed 5 tutors and 2 marketers with 20+ weekly teaching sessions
- Project leader for Harvard Innovation Labs Experfy project: overseeing 6 engineers (more details in experience)
- Vice President of Internal Development in the Undergraduate Consulting Club

Links

Personal website: kamyar.info

in linkedin.com/in/kamyarghiam

GitHub github.com/kamyarghiam

stackoverflow.com/users/9947140/kamyar-ghiam

AWS Services Used

Lambda, EC2, DynamoDB, S3, API gateway, CloudWatch, CloudFormation, SageMaker, Athena, SNS, SQS, IAM, and Amazon Translate

Hobbies

- Meditation (Śamatha-Vipassanā practice)
- Bouldering (Starting to get some V3's!)
- Cleaning (It can be fun with music)

Experience

Amazon

Software Development Engineer Intern (Summer 2020, New York)
Wrote 26 production approved code reviews with 2,200+ lines of code, using 11 AWS services to support NLP translation models. Designed universal word-counter for any phonetic or ideographic language (used by executives to see $millions saved in translation costs). Load-tested distributed system to find best instance configuration for ML models. Ran metrics on ML models in AWS SageMaker to find optimal training dataset.

Harvard Innovation Labs: Experfy

ML Engineer, Pro Bono (Dec. 2018-Jan. 2019, remote)
Leader of 6-person engineering team that developed an NLP recommender system matching 4,000+ technical consultants to projects that are compatible with their skillsets.

Amazon

Software Development Engineer Intern (Summer 2019, Seattle)
Solo designed, coded, integrated, and backtested API infrastructure to automate feedback system from Amazon vendors and sellers. API was composed of a custom serverless package with AWS lambda, API gateway, and DynamoDB.

Clinova, Ltd.

Data Science Intern (Summer 2018, London)
Analyzed BigQuery database with 500,000+ user inputs for customer segmentation, visualized application ML decision algorithm with graphs, and refactored front-end website code.

Ed-Tech Startup Experience

Summer Stem Institute (SSI)

Employee #12: Operations, Mentor Hiring, and Admissions Intern
Website: https://www.summersteminstitute.org
International virtual summer research camp for high school students with 1700+ applications. Structured mentorship onboarding, interviewed and accepted mentors, and reviewed 1000+ student applications for admissions.

CS-Tutoring

Cofounder, Operations, and Curriculum Management
Website: http://cs-tutoring.com
Founded summer coding program with 20+ weekly sessions. Hired/managed 5 tutors and designed marketing outreach to 1000+ students, parents, and teachers.

Projects and more information at kamyar.info