Kamyar Ghiam

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kamyar.info

Education

Carnegie Mellon University

$230,000 Presidential Scholarship to CMU

B.S. Computer Science and Business Administration

Class of 2021, GPA: 3.65

Awards

- HackCMU Hackathon: Awarded 3 times from Google, GSK, and Sandia 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
- Co-founder of CS-Tutoring.com
- Engineering lead for Harvard Innovation Labs Experfy project
- 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, Step Functions, 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 V4's!)
- Making music (I'm on SoundCloud!)

Work Experience

Amazon

Software Development Engineer Intern (Summer 2020, New York)
- Saved Amazon ~$700,000 in annual costs by integrating NLP models into their advertisement translation workflow.
- Wrote 2,200+ lines of code with 11 AWS services.
- Launched project a week before the internship ended.

Carnegie Mellon 15-210 (Undergraduate Algorithms)

Head Teaching Assistant (Fall 2020 - Present, Remote)
- Managing 19 teaching assistants in 250+ student course.
- Teaching, revising, and creating material related to algorithms, and adapting course to remote education.
- Course covers parallel and sequential algorithms.

Harvard Innovation Labs: Experfy

ML Engineer, Pro Bono (Dec. 2018 - Jan. 2019, remote)
- Led a 5-person engineering team to develop an NLP recommender system.
- System was trained to match over 4,000 technical consultants to projects compatible with their skillsets.

Amazon

Software Development Engineer Intern (Summer 2019, Seattle)
- Solo designed, coded, integrated, and tested API infrastructure.
- API automated feedback system for vendors and sellers.

Ed-Tech Startup Experience

Summer Stem Institute (SSI)

Operations and Recruitment

Website: https://www.summersteminstitute.org
- Web-scraped hundreds of potential research mentors and interviewed 15 mentors.
- Reviewed 1765 student applications for admissions.

CS-Tutoring

Cofounder, Operations, and Curriculum Management

Website: http://cs-tutoring.com
- Co-founded summer coding program with 15 weekly sessions and $1,125 in weekly revenue.
- Hired/managed 5 tutors and designed marketing outreach to 400+ teachers and parents.

Projects and more information at kamyar.info