

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
- Co-founded CS-Tutoring.com
- Project leader for Harvard Innovation Labs Experfy project
- Vice President of Internal Development in the Undergraduate Consulting Club

Links

Personal website: kamyar.info

[linkedin.com/in/kamyarghiam](https://www.linkedin.com/in/kamyarghiam)

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 V3's!)
- Cleaning (It can be fun with music)

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.

CMU 15-210 (Parallel and sequential algorithms)

Head Teaching Assistant (Fall 2020, Remote)

- Managing 19 computer science teaching assistants in 250+ student course.
- Teaching, revising, and creating material related to algorithms, and adapting course to remote education.

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 used 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, Mentor Hiring, and Admissions Intern

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