

ANGELA YANG

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🌐 [angelagyang](https://angelagyang.com)

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EDUCATION

CARNEGIE MELLON UNIVERSITY

School of Computer Science

Bachelor's in Artificial Intelligence

Carnegie Scholarship

QPA: 3.4 | December '20

COURSEWORK

Distributed Systems

Computer Systems

Deep Learning

Search Engines

Natural Language Processing

Artificial Intelligence

Cognitive Modeling

Autonomous Agents

Human-AI Interaction

Software System Construction

SKILLS

PROGRAMMING

Experienced: Python, Java, C#, C, SQL, SML

Familiar: Javascript, HTML/CSS, R

FRAMEWORKS

Experienced: .NET, PyTorch, NumPy

Familiar: Angular, React, ACT-R

TOOLS

Git, UNIX, LaTeX, Grafana, AWS EC2

ACTIVITIES

Dean's Student Advisory Council

Game Creation Society Programmer

CMU Spring Carnival Committee

EXPERIENCE

MICROSOFT | SOFTWARE ENGINEERING INTERN

Bing Ads | May '20 – Aug '20 | Remote

- Ported WCF cache service to gRPC .NET Core to reduce latency
- Created plan to refactor and optimize widely used cache entity to reduce server memory usage and overhead
- Contributed to Python-based deep learning pipeline for translating speech to ASL for Microsoft global hackathon

REDFIN | SOFTWARE ENGINEERING INTERN

Performance Engineering | May '19 – Aug '19 | San Francisco, CA

- Created and automated custom method to holistically score web page speed using PageSpeed Insights and WebPageTest
- Optimized specific stage of Redfin tour checkout by over 60 percent to increase customer checkout completion
- Investigated AI/ML platforms and demonstrated company-specific use cases during hackathon

CARNEGIE MELLON UNIV. | HEAD TEACHING ASSISTANT

Artificial Intelligence | Jan '19 – Mar '20 | Pittsburgh, PA

- TA for 15-281 (Artificial Intelligence) in Fall '19 and 07-180 (Concepts in AI) in Spring '19; Head TA in Spring '20 for 07-180
- Managed course logistics and team of 10 TAs for a class of 100+ undergraduates in the first two iterations of the class
- Created, tested, graded written and programming assignments
- Developed autograder for programming assignments
- Taught classes of over 25 students for two hours each week

KABBAGE | SOFTWARE ENGINEERING INTERN

Financial Technology | June '18 – Aug '18 | Atlanta, GA

- Developed REST API for updating Kabbage app during downtime using C#/.NET, SQL and AWS S3 API
- Enhanced user-facing web form by leveraging Angular, RxJS, Javascript and HTML5/CSS

PROJECTS

QUESTION ANSWERING SYSTEM | NLP GROUP PROJECT

- Built from scratch a question answering system that applies NLP techniques for document understanding, producing questions from a document, and answering questions given a document