



# ARUN X. BHATTASALI

abhattachali@gmail.com • 703-835-0918 • [abhattachali](#)  

## EDUCATION

### University of California, Los Angeles

Sep 2017 – June 2021

Major: *Linguistics & Computer Science*, GPA: 3.82

**Relevant Coursework:** • Software Construction • Algorithms Design • Entrepreneurship in Computer Science • Computer Architecture • Machine Learning • Artificial Intelligence • Computational Linguistics • Experimental Phonetics •

## SKILLS

**Software Tools** – GitHub, Azure DevOps, Visual Studio, Visio, Figma, Emacs, Excel

**Applications Programming** – C++, C#, Java, Python; data structures, OO-design, concurrency

**Web & Mobile Development** – Swift, Objective-C, JavaScript, React, HTML, CSS, JSS

**Skills & Multimedia** – trilingual [eng, man, spa], presentational speaking, strategic planning, problem solving; Final Cut Pro, Adobe CC

## EXPERIENCE

### Microsoft Corporation, Redmond, WA

#### *Program Management Intern*

May – Aug 2021

- Managed a cross-team effort to consistently identify and onboard media files across M365 that will bridge user experience gaps
  - Drove development, adoption and execution of media-likely API serving single source of truth for internal teams to consume
  - Collaborated closely with engineering managers and PM leads to investigate feasibility & specifications for integration
  - Increased user experience by unifying all web-based endpoints in the file upload scenario steering customers to supported formats of Microsoft Stream, lowering unsuccessful playback session VETO rate

#### *Software Engineering Intern*

Jun – Sep 2020

- Designed and built a concurrent producer-consumer pipeline for managing object synchronization recovery for SharePoint Online Directory Service (SPODS)
  - Leveraged C# knowledge to write interfaces & multithreaded applications scalable for SQL-based backing store
  - Increased user batch throughput by an additional 50% measured via QoS Internal telemetry & Sandbox diagnostics, mitigating frequent pausing of the main pipeline while ensuring sync consistency

#### *New Technologist Product Intern*

Jun – Sep 2019

- Innovation academy aimed at learning the full product development lifecycle & introduction to Swift programming
  - Learned core agile frameworks, ran LEAN sprint cycles, conducted user interviews & A/B testing, designed Figma wireframes, and analyzed pain points of visual learning space
  - Created iOS app *SnapStudy* that automatically creates personalized flashcards through keyword extraction of textbook images (through OCR/NLP libraries), with capability to gamify and embed hand-drawn pictures for visual association

### GetUpside, Washington D.C.

#### *Data Operations Intern*

Jul – Sep 2018

- Conducted competitor market research for new app demo video to increase Google Play Store downloads and engagement
- Prepared area code mappings for new gas station site launches in Northeast/Midwestern/Southern DMAs

## PROJECTS

### *Rodeo (JavaScript, React, CSS)*

Apr – Jun 2020

#### *CS188: Turn Your Idea into a Company*

- Won Best Idea & Pitch; presented idea, MVP & deck to panel of investors and tech founders at the end
- Conducted user surveys in curation of an online marketplace aimed at generating artificial scarcity of user designs
- Designed website in React to vote on popular designs and add to cart, and Mongo DB for user account data

### *iAwake (Python, Swift, Google Maps, Twilio API)*

March 2019

#### *LA Hacks 2019*

- iOS (Swift/XCode) and Desktop (Python) applications that track eye movement and detect sleeping at wheel
- Integrated Twilio backend to ping emergency contacts, Google API to reroute drivers to nearby gas stations, and Apple ARKit for computer vision implementation of eye-lid closure and detection

## CO-CURRICULAR

*Mentor, The Bruin Experiment*, Los Angeles, CA

2019 – 2021

*Social Chair, Men's Club Ultimate Frisbee*, Los Angeles, CA

2019 – 2021

*Backend Developer/Marketing, UCLA DevX*, Los Angeles, CA

2018 – 2020

*President, Solutions for the 21<sup>st</sup> Century Club*, TJHSST, Alexandria, VA

2015 – 2017