

Lorenzo B. Brown

iOS Software Engineer

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Experienced iOS Software Engineer with a well-rounded background in programming, design, software architecture, best practices and leadership. Passionate about creating high quality end-to-end solutions, contributing to altruistic causes, and tackling complex problems in data science and engineering.

Work Experience

ALT - REACT NATIVE SOFTWARE ENGINEER - SAN FRANCISCO, CA (REMOTE) - MAY 2021 - OCTOBER 2021

- Built the first mobile application for the Alt platform.
- Worked with an existing code repo for the React web platform to generate a mobile app with similar styling and code organization to allow other Frontend developers to easily understand the mobile code.
- Stayed with the company long enough to oversee the successful launch of the app on the Apple App Store and Google Play Store before exploring other native iOS opportunities.

CLIMATE.AI - SENIOR SOFTWARE ENGINEER - SAN FRANCISCO, CA (REMOTE) - JANUARY 2020 - AUGUST 2020

- Leading a young engineering team in the construction of the company's minimum viable product.
- Integrating analysis from machine learning engineers and climatologists to create production-ready analytic endpoints
- Constructing high performance cloud development environments for satellite analysis and forecasting.

GREY INC. - SENIOR SOFTWARE ENGINEER - DALLAS TX - MARCH 2018-NOVEMBER 2019

- First engineering hire for small blockchain startup
- Built Point-of-Sales solutions for iOS that leveraged the Grey Blockchain to create secure, and transparent transactions for high-risk and underbanked merchants
- Created and maintained backend solutions using Amazon Web Services and Google Cloud Platform to monitor transactions and user credentials

GIVELIFY - IOS DEVELOPER - DALLAS TX - OCTOBER 2017-APRIL 2018

- Inherited and maintained an Objective-C version of the app fixing bugs and suggesting improvements
- Spearheaded the migration from Objective-C to Swift in the new version of the Givelify App
- Implemented new UI updates for version 3.0 of the Givelify App

MIDDLE EAST ENTREPRENEURS OF TOMORROW - CURRICULUM LEAD - JERUSALEM - OCTOBER 2016-AUGUST 2017

- Built a startup accelerator within the organization and oversaw the launch of 4 binational startups in the first year
- Constructed computer science, data analytics, and entrepreneurship curriculum for Palestinian and Israeli students
- Facilitated discussions and cross-cultural interaction and exchange between Israeli and Palestinian youth
- Oversaw and trained MIT-affiliated instructors and volunteers coming to the organization

UDACITY - CONTENT DEVELOPER MOUNTAIN VIEW, CALIFORNIA OCTOBER 2014-OCTOBER 2016

- Created course content in web development & machine learning via an online learning platform
- Made projects, labs, and coding assignments to allow students to attain necessary skills for employment
- Presented material on-screen for students to view via the Udacity website or Youtube

Education

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Cambridge, Massachusetts Class of 2011 B.S. in Mathematics with Computer Science

GALVANIZE DATA SCIENCE IMMERSIVE FELLOW

Created an application in Python that uses machine learning to predict audio input from a musician and play the appropriate accompaniment

Interests & Skills

Favorite Programming Languages: Swift, Python, Java, Objective-C, JavaScript

Data Analysis Tools: NumPy, Pandas, Matplotlib, Scikit-learn

Cloud Solutions: AWS, GCP, Microservices, Kubernetes, Docker

UX/UI Design Tools: Sketch, Adobe XD, Illustrator, Photoshop and After Effects

Interpersonal: Cross-cultural Communication, Project Management, Team Building, Group Facilitation

Foreign Languages: English - native speaker, Spanish - fully fluent, Portuguese - advanced proficiency, Arabic - intermediate proficiency, Hebrew-beginner comprehension

[LORENZOBROWN.DEV](https://lorenzobrown.dev) [LINKENDIN.COM/IN/LORENZOBROWN](https://linkendin.com/in/lorenzobrown) - [GITHUB.COM/LRNZBR](https://github.com/LRNZBR)