Bradley Bernard

San Francisco Bay Area | github.com/bradleybernard | linkedin.com/in/bradleybernard

EXPERIENCE

LinkedIn – **Senior Software Engineer**   March 2020 – Present
- Designed and architected delightful, mobile-first experiences for job seekers on iOS
- Mentored, onboarded, and leveled up new iOS engineering hires into the organization
- Reviewed and assisted in horizontal iOS efforts: testing, design patterns, and iOS app architecture
- Automated and modernized company-wide code review workflows and processes to redefine developer productivity

LinkedIn – **Software Engineer**   November 2018 – March 2020

PayPal – **Software Engineer**   August 2017 – November 2018
- Developed UI (UIKit and Auto Layout) following MVVM design patterns with unit tests and UI tests via XCTest
- Improved Jenkins CI pipelines to create iOS simulators on demand via simctl to speed up the testing stage
- Designed iOS push notifications architecture to handle parsing, validation, routing, presentation, and delegation logic
- Led iOS releases using fastlane, Crashlytics, Loggly, TestFlight, Xcode, and internal tools to diagnose and triage errors

iUnfollow.com – **Founder** – https://iunfollow.com/   March 2011 – March 2017
- Used the Smarty PHP template engine with the MVC pattern to iterate quickly and safely with scalability in mind
- Built a C program to compute the difference, intersection, and union of large PHP arrays and insert into the database
- Performed SEO on each page to rank for highly competitive keywords to increase page rank across all major search engines
- Refactored the code several times, such as upgrading from mysql_ to mysqli_ (PHP 7) to avoid possible SQL injections
- Sold the business in March 2017 and successfully transferred all assets to the new owner who continues to run the site

ShopFly – **Full Stack Developer**   June 2016 – October 2016
- Designed a RESTful API in Node.js v6 with ES6 and vanilla JS on the Microsoft Azure Mobile Services platform
- Created the MSSQL table structures and designed highly optimized queries that always used index seeks with multiple joins
- Crafted view controllers in Swift 2.1 which requested and displayed data from the remote API

O'Neill Sea Odyssey – **Full Stack Developer**   January 2015 – June 2015
- Created an iPad app that communicated with a PHP API to save sea navigation data into a MySQL Wordpress database
- Sent HTTP requests from the iPad to the API which interfaced with a custom Wordpress plugin to validate incoming data

EDUCATION

University of California, Santa Cruz - Bachelor of Science in **Computer Science**   June 2017
- Relevant Courses: Software Engineering, Computer Architecture, Data Structures, Discrete Math, Advanced Programming, Algorithms and Abstract Data Types, Assembly Language, Database Systems, Operating Systems, Compilers, Web Apps

SKILLS

Proficient in: Swift, Objective-C, JavaScript, Python, PHP, MySQL, HTML, CSS
Experienced with: Bash, Ruby, C++, C, Java

PROJECTS

ZeroBalance – iOS app (Obj-C) – https://github.com/bradleybernard/ZeroBalance   December 2016 – July 2017
- Created an open source universal iOS app, to self-learn Objective-C, that balances payments between friends and family

SlugWatch.com – **Founder**   September 2015 – July 2017
- Designed the user interface using Bootstrap CSS along with jQuery to animate elements and send AJAX requests
- Shipped notifications through a Beanstalk asynchronous queue to dispatch text messages, via the Twilio API, to students