

EDUCATION: TEMPLE UNIVERSITY, College of Science & Technology, Philadelphia, PA
Bachelor of Science in Computer Science

SKILLS:

Marketing: Google Adwords and Facebook Advertising Campaigns

Language: English & Korean

Technical:

JAVA	React	IntelliJ/VSCode	iOS Development	REST
JavaScript	HTML5/CSS	Git/Github	Android Development	Test Driven Development
RDBMS/SQL	Spring	AWS	Docker & Kubernetes	Agile Methodology

PROJECTS: (www.github.com/smashyou)

iOS Application: FitLifePal

- Fitness application that tracks daily estimated calories burned and consumed to help users reach their fitness goals. This application consumes Nutritionix REST API and retrieves JSON object which contains the searched food nutrition facts.

Java Application: EZ-Doc

- Web document generator. It consists of four main components: graphical user interface (GUI), file manager (FM), file translator (FT), and script interpreter (SI). EZ-Doc is meant to simplify the process of creating HTML reports.

Capstone Project: Proximity Marketing Platform - Marko Promo

- This project consists of four components: Web Application for merchant users, Cloud component, Embedded component (Raspberry Pi), and Mobile Application for customer users. I built a Web Application using the LAMP stack. The web application is hosted on AWS.

EMPLOYMENT HISTORY:

Software Engineer – Xfinity X1 & Xfinity Flex, Oct 2017 – Nov 2022

Comcast, Philadelphia, PA

- Successfully developed and maintained the Xfinity Flex Streaming product from the ground up. Built key middleware APIs that power the core Flex features which resulted in positive customer feedback. After the successful launch of Flex, the initial goal to acquire 100K subscriptions within the first six months was surpassed by acquiring over 1 million subscriptions.
- Worked as an Xfinity X1 - XRE engineer before joining a new Xfinity Flex Streaming product organization. Successfully developed and maintained core features on the cloud-based X1 Guide interface which directly impacted over 31 million customers for Xfinity TV.

Startup Founder, May 2016 - Jun 2017

Parkgorithm, Philadelphia, PA

- Started a company with a vision to resolve the current street parking issues in the city.
- Managed to build the MVP for Android mobile application with other team members.

Software Engineer, May 2015 - May 2016

GraphiteGTC formerly Enterprise Cloudworks (www.GraphiteGTC.com), Philadelphia, PA

- Developed client-side applications for both Android and Web.
- Contributed to the development of the company's proprietary software called Graphite.

Research Assistant - Undergrad Research, Jun 2015 - Oct 2015

Temple University - College of Science & Technology, Philadelphia, PA

- Computer Vision tasks funded by NSF. The research focused on teaching a mobile robot equipped with a Kinect sensor to detect and recognize objects in its surrounding.
- Successfully developed the *Supported_By* algorithm in Matlab. (i.e. laptop is supported by the desk)

Android Application Development Intern, Mar 2014 – Aug 2014

United Public Safety, Horsham, PA

- Implemented optical character recognition service for a large-scale Android application.
- Tested and debugged individual components of the application to ensure integrity and long-term reliability.