

EMPLOYMENT

Software Engineer **GoFundMe** **Oct 2015 - Present**

California, United States

- Achieved platform integration with Facebook by developing Facebook API microservice layer for Javascript and PHP SDKs.
- Achieved 1.5%(US\$1.8million) increase in monthly Gross Donation Volume measured by in-house donation metrics by launching a series of product features through A/B experiments with PlanOut framework.
- Facilitated mobile platform(iOS/Android) product/feature launches by developing service side APIs using PHP Laravel/Lumen framework.
- Achieved 7%(~13,000) increase in Daily Active Users(DAU) by developing various user engagement features using OO design paradigms and factory patterns.
- Developed traffic data collection tools to help Product Managers gain product insights.

Software Engineer **Eversnap** **Nov 2014 – Aug 2015**

California, United States

- Achieved 23% increase in Daily Active Users(DAU) by developing Web APIs using Python/Django framework.
- Contributed to 30% increase in monthly revenue by redesigning web platform interface with HTML, CSS and Javascript/jQuery.
- Facilitated data mining operations by developing a web crawling service to crawl Twitter hashtag images.

Lead Engineer **Shapify** **Jul 2013 – Jun 2014**

- Developed company website using Python/Django, MySQL and AWS cloud services.
- Designed and implemented frontend web design with HTML/CSS, AngularJS and Bootstrap3.
- 3D digital modeling experience with Solidworks and AutoCAD

Software Engineer, Intern **ELF SPACE** **Dec 2012 – May 2013**

- Data mining real word contextual data and integration with WiFi triangulation middleware
- Built a context-aware recommendation system based on WiFi triangulation middleware

EDUCATION

Singapore **National University of Singapore** **Aug 2008 – Apr 2013**

- Bachelor of Computing(B.Comp) in Computer Engineering
- Specialization: Software Engineering
- Undergraduate Coursework: Data Structures, Operating Systems; Databases; Algorithms; Programming Languages; Comp. Architecture; Technopreneurship;

TECHNICAL EXPERIENCE

Projects

- **Facebook API wrapper**(2016). Wrapper framework for Facebook API v2.6 for PHP and Javascript SDKs
- **Facebook Messenger Bot**(2016). A simple messenger bot service to allow users to interact with crowdfunding platform GoFundMe
- **Recyclar**(2016). Mobile web platform to help Singapore National Environmental Agency promote recycling initiatives

ADDITIONAL EXPERIENCE AND AWARDS

- **Wireless Computing Best Project Award:** Awarded best project among 40 other teams on Android app developments, utilizing wireless technology and inbuilt sensors
- **Recyclar:** Awarded 2nd prize for recycling web platform, out of 30 projects.

Languages and Technologies

- C++; C; Java; JavaScript; Python; PHP; SQL;
- Git version control; UNIX(Linux); MySQL; Vagrant; AWS services; Bootstrap; AngularJS