

ANDREW NGUYEN

software developer

Experience

Postmates

Software Engineer Intern

Jan - Apr 2019

San Francisco, CA

- Led development of translations pipeline in **Python** to automate string localization, saving copywriters 60 hours / year
- Designed a robust framework to run tests on stage deploys, eliminating the need for manual testing of P0 / P1 scenarios
- Built a native platform for Zendesk articles in **Python** allowing users to submit tickets with account and job info, reducing ticket handle time by 15%

Wish

Software Engineer Intern

May - Aug 2018

San Francisco, CA

- Enhanced login flow on merchant dashboard in **Python**, increasing successful logins by **5%** and successful password resets by **7%**
- Revamped returns program UI in **Backbone.js**, increasing merchant enrollment by **14%**
- Prevented bad actors from **\$3m** in malicious price increases every month

Shoplogix Inc.

Software Engineer Intern

Sep - Dec 2017

Oakville, ON

- Led development of a Chrome OS application with **JavaScript** and **jQuery**, downloaded over 100 times by clients on the Chrome Web Store
- Designed several new **C#** API endpoints to serve requested data to web application
- Diagnosed multiple backend issues with **C#** server socket, leading to a 30% increase in successful client socket connections

Projects

clipBuddy

Hack the North

Sep 2017

- Winner of XE.com API prize by successfully implementing currency conversion capabilities
- Background phone application that allows users to access utilities from their clipboard, built in **Android Studio** using **Java**

SignBuddy

CUHacking I

Mar 2017

- Interactive sign language recognizer using a Leap Motion controller
- Used **Python** **scikit-learn** library and hand-generated training data to classify signs, incorporated into a web video client

Therapy Helper

DeltaHacks III

Jan 2017

- Web application composed of a **MongoDB** and **Node.js** backbone with frontend done in **Vue.js**
- Lets therapists provide custom self-assessments to patients, and view all patient data in one place
- Allows patients to complete their homework more discreetly online

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🔗 github.com/aanguyen

in linkedin.com/in/aanguyen

Skills

Languages: Java, Python, C#, C++, R, HTML5/CSS3, JavaScript, SQL, Visual Basic, VHDL

Technologies: Android Studio, Git/Subversion, Firebase, Arduino, Visual Studio, Jira

Education

University of Waterloo

Computer Science

2016 - 2021 (Expected)

cGPA: 3.82/4.0 - Average: 88%

Dean's Honour List

Awards

2019 President's International Experience Award

2017 US Computing Olympiad Gold Division

2016 Nortel Networks Undergraduate Scholarship

2016 University of Waterloo President's Scholarship of Distinction

2016 Top 5% on AMC12

Interests

- Athletics - bouldering, ice hockey, volleyball
 - Music - guitar, saxophone, piano
 - Languages - French, Spanish, Vietnamese
 - Cooking, baking
- (@ @munchmunchmkv)