ANDREW NGUYEN

software developer

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Experience

Postmates   **Jan - Apr 2019**
Software Engineer Intern   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   **May - Aug 2018**
Software Engineer Intern   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.   **Sep - Dec 2017**
Sofware Engineer Intern   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 ⌒   **Sep 2017**
Hack the North
▸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 ⌒   **Mar 2017**
CUHacking I
▸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 ⌒   **Jan 2017**
DeltaHacks III
▸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

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: 3.88/4.0 - Average: 89.7%
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)