

Aditya (Adi) Aravind Chinchure

Year 3, Major in Computer Science

www.adityachinchure.com

www.github.com/aditya10

LANGUAGES	Java 8, Swift 3, HTML/CSS, JavaScript, PHP, SQL
TECHNOLOGIES	Bootstrap, JUnit, MySQL, ReactJS, CoreML, SceneKit, ARKit
TOOLS	Xcode, IntelliJ IDEA, Git, Google Firebase

TECHNICAL WORK EXPERIENCE:

Junior Software Developer (Co-op), AppNeta Inc.

September 2018 Onwards

- Assisted in scaling AppNeta's web-app by adding functionality in React, JavaScript and Java.
- Fixing bugs and testing tasks over bi-weekly scrum sprints

Teaching Assistant (CPSC 304 - Relational Databases), University of British Columbia

May 2018 – June 2018

- Managed two tutorial classes and assisted in one lecture per week. Graded projects and examinations.
- Worked with the course instructor and other TAs to manage the online forums and answer student questions.

Web Developer, Castle Lab (previously WebCreative)

January 2018 – August 2018

- Castle is a UBC-based startup that designs and develops unique websites for realtors in Vancouver.
- Developed 4+ responsive design websites with custom MLS (real estate listings solution) integration using HTML5, CSS, Bootstrap and PHP.
- Assisted the team with marketing and photography, and with interviews under 'RealtorsOfVancouver'.

TECHNICAL PROJECTS:

Tee – A Visual Assistant

September 2018 Onwards

- Developed object recognition using CoreML and QR code scanning
- Parsed data from Translink transit data API to provide live transit data
- *Technologies used: Swift 3, Xcode 11, CoreML*

My Recipes

April 2018 - June 2018

- A dynamic React JS web-app used to store cooking recipes and perform read/write/update operations on it.
- Used Google Firebase's Realtime Database and Cloud Storage as back-end databases. Created three React components and used JavaScript to connect with the Firebase database and display real-time updates.
- *Technologies used: JavaScript, React JS, NodeJS, Google Firebase*

ARKit Basketball

April 2018

- An augmented reality (AR) basketball game, that uses 3D models with physics to determine motion of ball.
- *Technologies used: Swift 3, Xcode 9, AppKit, UIKit, ARKit, SceneKit*

Airport Database Management System [Academic Project]

January 2018 – March 2018

- A web application to manage airport information through the use of relational databases in MySQL.
- Used PHP to store, update and retrieve information from a MySQL database. Developed a multi-user login system for airline and airport staff, equipped with unique dashboards to create and update data.
- *Technologies used: LAMP Stack (MySQL, PHP), HTML5, CSS*

Translink Public Transit App [Academic Project]

August 2017

- An Android application that provides live transit updates at bus stops on a map.
- Used OOP standards to design classes that handle buses and stops while testing every class using the JUnit testing framework. Developed a JSON parser to obtain data from the TransLink API.
- *Technologies used: Java 8, IntelliJ IDEA, GenyMotion, Subversion Control*

VOLUNTEERING EXPERIENCE:

Web-master and Social Media Manager | Marketing Manager, IdeasXChange

June 2017 - May 2018

- Organized 'InnoHacks' – an inclusive innovation case competition, a one-day hack where over 50 teams participated to create affordable, accessible products or services.
- Developed a new logo and website (using WordPress) for the organization.

Volunteer, Vancouver Startup Week

September 2017

- Contributed to the team by helping with registrations, setup, and breakout room management.

INTERESTS/ACTIVITIES:

- In 2014, I started my technology blog "Technonerds". I continue to write product reviews, AI, electric vehicles and startups on my blog. It has over 1 million page views and 4500+ social media followers.
Website: <https://medium.com/technonerds>
- I am an amateur photographer. My photos have been viewed over 20 million times and downloaded over 100,000 times on Unsplash (a royalty-free website, where photographers share their pictures for free).
Website: <https://unsplash.com/@adityachinchure>
- I spoke about the "The Future of Mobility" at Pune Inspire 2015, a TEDx like event in Pune, India. I was the youngest speaker, and my talk covered autonomous, electric vehicles and futuristic transportation means.

EDUCATION

University of British Columbia

2016 - 2021 (expected) | BSc. Computer Science | GPA: 85.8%

- 2016-17: "Dean's Honour List" recognition