**Arcy Flores**

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**EDUCATION**

**Northeastern University**  | *Master of Science in Computer Science |* December 2019

**University of California, Los Angeles**  | *Bachelor of Art in Psychology* | June 2012

**TECHNICAL KNOWLEDGE**

* Programming Languages: Javascript, Python, Java, Kotlin, some PHP
* UI/Web Technologies: HTML, HTML5, Django, Bootstrap, AJAX, jQuery, JSON, CSS3, Material, Sass
* Database systems: Oracle SQL Developer, PostgreSQL, MySQL
* Javascript Technologies: Angular 8, Typescript, Rxjs, ng-bootstrap, Node.js, React.js
* Web Services: RESTful, SOAP, REST API, Microservices
* App/Web Servers: Apache Tomcat, Apache HTTP Server, Atlassian Jira
* Testing/Debugging tools: Jasmine, Karma, Groovy, Chrome Developer Tools, Sonar, Junit
* IDE's: Microsoft Visual Studio, IntelliJ, Eclipse, Sublime, Atom, Webstorm, JSFiddle
* Platforms: Windows 10, Windows Vista, Mac OSX, Linux, Android, iOS
* Methodology: Agile, Waterfall, TDD

**PROFESSIONAL EXPERIENCE**

**Fidelity Charitable |** *Full-Stack Software Engineer* | January 2020 - Present

* Digitized a paper form process used by a subsection of the organization's users, saving them 100s of hours in accessing Donor's accounts; used Angular for front end and Spring to implement service
* Worked with Agile team to add multiple features to legacy applications as defined by business to better service our users; used Spring, Apache Struts HTML/CSS, and Maven as technology across the organizations' applications
* Collaborated with team members using Microsoft Teams, Confluence, Bitbucket, and Jira with Agile/Scrum environment
* Created reusable Angular 8 components and set up icon libraries to use across other Angular applications
* Implemented Actions, Effects, and Stores in Angular applications using NgRx and JSX syntax
* Successfully created and executed Jasmine test cases and fixed any bugs/issues identified during test cycles
* Utilized CRUD operations and integrated web APIs in Single Page Application development
* Implemented Responsive Design using CSS, Bootstrap, media queries, and SCSS
* Rewired highly coupled legacy based Apache struts and JSP application to SpringBoot microservices
* Used Maven for automating Java builds and Jenkins for continuous integration and development

**Cisco |** *Software Engineer Co-op* | May 2019 - December 2019

* Worked with Customer Experience Product Management team to develop a Django web application for two of the largest service providers in America to assist in modernizing their network, estimated 2 billion dollars in revenue
* Developed the front end interface of an internal bootcamp training tool in Django, that allowed employees to configure networking topologies and experiment with modern routing methodologies
* Used Docker to containerize Python applications and created images to package up Python dependencies
* Utilized Pandas, Numpy, and other Python libraries to read/write Excel data sheets and perform data analytics
* Created data visualizations pulled from data in PostgreSQL DB using D3.js

**Northeastern University |** *Graduate Assistant* |July 2017 - May 2018

* Managed multiple facilities projects, improved the relationship between the Department of Residential Life and

Facilities by creating a system to track facilities issues and concerns from students

* Increased efficiency and cross-departmental communication throughout the academic year

**The Tech Connection** | *Operations Assistant* | February - April 2017

* Maintained timelines of teams’ projects, using Asana, and assisted CEO in various administrative and operational tasks; devised content marketing email campaigns utilizing Mailchimp to increase company's brand awareness
* Mentored group of diverse candidates for company’s first [Hack.Diversity](https://hackdiversity.com/) cohort, to successfully guide fellows and prepare them for their first technical roles as software engineers and IT professionals, resulted in 100% job placement

**FPI Management** | *Leasing Consultant* | October 2015 - December 2016

* Engaged with office team to oversee the management of multiple apartment complexes, implementing a variety of marketing methods and customer service to attract customers and to address residents' needs
* Incorporated various mobile and internet technologies such as On-site for contract automation, Yardi for community management, and Entrata as a CRM to speed up process from prospective tenant to resident

**ACADEMIC PROJECTS**

**Raspberry Pi Cloud Server/WAP |** *Group Project* **|** October 2019 - December 2019

* Implementing portable cloud server and short range WiFi access point to allow users to store their data and deploy various web applications

**Spotify API: Recommendation Algorithms Case Study |** *Group Project* **|** March - May 2019

* Utilized Spotify API to curate user tailored music playlists using a variety of machine learning algorithms

**Android SMS Application |** *Individual Project* **|** March - May 2019

* Created an SMS application with Firebase database integration using Kotlin and additional Android Development tools

**Slick Communications App |** *Group Projec*t | October - December 2018

* Built a Java communications server-side application utilizing Maven as our automation tool, Github for version control,

Jira for issue tracking, and Amazon Web Services for environment integration

**OnTime: Flight Tracking Web Application |** *Group Project* | April - May 2018

* Developed a responsive web and mobile flight tracking application utilizing Elixir for the back-end, Phoenix Framework, React, and React-Native on the front-end