Gavin Yahna

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**Education**

**Brandeis University,** *Waltham, MA*

Bachelor of Science in Computer Science  *May 2019*

Cumulative GPA: 3.29

**Work Experience**

**Full Stack Software Engineer** - *UKG (Ultimate Kronos Group) - Lowell, MA*

*Level 2 Engineer October 2020 - June 2022*

* Developed new frontend features and pages using AngularTS and AngularJS with embedded CSS and HTML to add new functionality and improve our application
* Updated frontend components from legacy AngularJS to the new AngularTS in order to keep our application up to date with the newest framework
* Created and maintained restful APIs, conducting routine performance tests using dynatrace to determine and remove performance bottlenecks
* Updated database schemas to support new functionality and added indexes for increased performance
* Acted as team scrum master creating, sizing, and maintaining Epics, Stories, and Tasks to ensure appropriate delegation of work and timely completion of projects
* Worked on the globalization team to help deploy and test translations of strings that would be displayed when our application’s localization is changed to another language
* Tested Performance and Longevity of front end login pages using selenium to simulate thousands of logins over days and removed performance bottlenecks that could have hurt the customer experience

*Level 1 Engineer May 2019 - October 2020*

* Fixed bugs and regressions in business logic of backend code in order to enhance customers experience with our webapp
* Wrote database migration scripts for updating existing customer data to fit new database schemas
* Developed new automation suites using selenium for frontend and an in-house framework for backend api tests in order to increase code confidence and quickly detect regressions
* Documented new API’s, Webpages, Testing Suites using Atlassian’s Confluence to increase communication with product management, and provide instruction for future development

**Full Stack Web Development Intern** - *The Echo Group - Conway, NH*  *August* *2015-2019*

* Collaborated with two full-stack developers on a web app that hosts and provides access to healthcare company data
* Manipulated SQL Server Database and loaded data into Java backend using Spring
* Created APIs to retrieve data from Java backend into the JavaScript frontend
* Developed multiple pages in the frontend using JavaScript, CSS, HTML, and ReactJS

**IT Technician** - *Brandeis Information Technology Services - Waltham, MA August 2016-December 2018*

* Served as the Front Desk IT Support Technician for hardware, software, and internet services
* Assisted faculty with course page development and program installations
* Completed software repairs and hardware diagnostics for Mac and Windows machines

**Skills**

**Programming Languages**

Java, JavaScript,TypeScript, Python, SQL, CSS, SCSS, and HTML

**Tools and Techniques**

Angular, Atlassian(Bitbucket, Confluence, Jira), Docker, Dynatrace, Git, ReactJS, NodeJS, PostgreSQL, Rightscale Cloud Servers, Selenium, Spring

**Programs**

Adobe Photoshop, Blender, Intellij, Postman, Unity, Unreal Engine, Webstorm

**Projects**

**IcyBoi -** *Passion Project Video Game - Url:* [*https://sp4ceboy.itch.io/icy-boi*](https://sp4ceboy.itch.io/icy-boi) *January 2016- November 2017*

* Solo-developed using Unity coding in C#
* Produced visuals with Adobe Photoshop to create graphics, later animating them with Unity
* Coded physics and character controller to allow for advanced movement options throughout the levels

**Streamline –** *Capstone Software Engineering Project September 2018-2019*

* Web application that allows you to drag and drop tasks and events from a to-do list to a calendar
* Collaborate with a team of 4 to develop a web application using scrum agile methodology
* Utilize Ruby and Bootstrap UI to develop the frontend
* The backend is hosted on Heroku and is developed using Ruby on Rails and PostgreSQL

**Activities**

**Super Fan Club -** *Co-Founder - Waltham, MA*  *September 2017-May 2019*

**Sigma Alpha Mu Fraternity -** *Vice President – Waltham, MA* *August 2016-May 2019*