Thyraellis Howard  
2304 Rosetta St. Richmond VA 23223  
Cell Phone: 804-687-2625  
[thyrahoward@outlook.com](mailto:thyrahoward@outlook.com)

Portfolio of Projects: <http://softwarecake.com>  
   
**Summary of Qualifications**  
Hardworking individual with a growing passion in building software, writing code, and programming. Experience working in group projects and completing tasks quickly and efficiently. Additional knowledge includes:  
**Software Languages**: HTML, CSS, JavaScript, C, C++, C #, Window Form, LINQ, Angular JS, SQL, Knockout JS, Java, PHP, AJAX, jQuery, Web APIs

**Software Applications:** Microsoft Office, Pixlr, Dreamweaver, Notepad++, Visual Studio 2015-2019, Square Space, GoDaddy web builder, Wix, MySql Workbench, Oracle, Eclipse Java Oxygen, Azure, Android Studio, MongoDB, Github, Slack, Trello, MySql server, Figma, Teamwork, Firebase, ExpressionEngine5, Craft3, Algolia, Heroku

**Education**  
ECPI University, Glen Allen, VA February 2018  
Bachelor of Science in Computer and Information Science  
Concentration: Software Development     
   
Richmond Technical Center, Richmond, VA June 2013  
Certificate of Completion:  
Computer Electronics I & II

Student, Young Entrepreneur Academy (Y.E.A), City, VA June 2013 to May 2014

• Learned customers, communications, and employees are the center of all business functions

• Learned that employers look for current and potential employees with entrepreneurial skill

**Personal Projects**

Run Gigatronia Game August 2019 to Current

Run Gigatronia is a role-playing game that I am creating using most of the skill that the Trilogy students will are and will be using. This game will prove as one of the many things the students can create during and/or after the six-month bootcamp. This will include several APIs, Firebase, and use JavaScript to show what you can do with the bare minimum as well as allow them to see the unpackaged processes that a lot of the languages they will be using looks like.

AMIS (Active Memory Information System) A.I. Project 2016 to Current

This project first started off as me seeing what I can build in C# Asp.Net back when I was volunteering with Think of Us. This A.I. or Elias the first model, was initially an input output A.I. that I would be portable between windows computers. This brought about my Software Cake Drives, which are just drive that I’ve placed one of the Input Output A.I. on it. This introduced me to the draw backs of using Asp.Net and the benefits of using Windows Forums and the libraries that come with it. Once I was able to get the mind structure to take in a user request and respond based off none developer user preset responses. I felt that I could go a bit deeper in my A.I. development so I’ve decided to reach of A.G.I (Artificial General Intelligence) with a focus on communication development. Working with Elias after three years of trial and error has managed to get him in a state of minimal learning. During this phase I started using LINQ queries to retrieve information arrays populated by his neural networks. He is now capable of asking one-word questions of words he does not know and tries to link them to what he does know.

**Work Experience**

Position: Full-Stack Web Development Teacher Assistant

Company: Trilogy – Richmond, VA February 2019 to Current

My main role there is assisting the students in learning the full stack MERN (Mongo DB, Express.js, React.js, and Node.js) development bootcamp as well as the building blocks up to those point. We start them off with Pseudo coding, HTML, CSS, JavaScript, jQuery, Github/Github pages, and whiteboarding. Then we transition them into data management without databases such as using AJAX, API calls, JSON, sessions, local storage, and cookies. Once the first project is done, we introduce them to Node.js, Express.js and then we introduce databases (Mongo DB and MySQL using MySQL Workbench). During this phase we also introduce Handlebars, React.js, site scrapping, and creating their own servers using NPM (Node Package Manager).

Position: CMS Developer Apprentice

Company: Foster Made – Richmond, VA January 2019 to August 2019

My position there was CMS Developer Apprentice mostly managing the backend addons. There I was introduced to building Virtual Machines using VBox, Vagrant, and terminal. There I used Craft3 which is uses a version of PHP called Twig to build Craft3 sites, but I mostly used ExpressionEngine5 which has its own PHP format for developing CMS Sites to build baseplates sites. Once I’ve setup the virtual machine with ExpressionEngine on it I was tasked with fixing bugs and cleaning up their EE addon call the Indexernator. This addon incorporated PHP, Scout, and Algolia to manage site data.

Position: Front-End Research Developer

Company: Baylyn Media Services – Richmond, VA March 2018 to April 2018  
• Research code to improve template designs for websites  
• Improved website designs for WordPress sites

Position: Front-End Developer Extern

Company: Think of Us – Richmond, VA November 2016 to March 2018  
• Research code to complete tasks for app design    
• Develop additional skills in CSS and Backend Development  
• Work with team members to implement new processes into existing mobile platforms and adjust old  
platforms    
• Partnered with design team to create a new layout for the teen parent website  
• Performed work in Figma and used Slack to communicate on projects    
• Used WordPress to design website for clients    
• Participated in hack-a-thons such New York Hack Foster Care and Think of Us hack-a-thon

**Honors & Activities**

• Upward Bound Volunteer, Lucille M. Brown Bowl June 2012 to May 2014• Thomas Jefferson High School Marching Band  
• Junior Reserve Officer Training Corps (JROTC)