

## Brandon Clothier

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Website: <https://brandonclothier.me>

Github: <https://github.com/brandon14>

## SUMMARY

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Highly motivated and hardworking individual. Experienced in Computer Science and software development. Experienced with PHP, PostgreSQL, JavaScript, Java, MySQL, HTML, C#, Linux operating systems, classroom software engineering experience, and Android SDK experience. Also, experienced in customer service, and team work environments.

## EDUCATION

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**Eastern Kentucky University** – Richmond, KY Bachelor of Science: Computer Science  
**GPA: 3.74 cumulative** – Dean's List 1 Semester/President's Award 1 Semester Completed  
Graduated: June 2016  
Upsilon Pi Epsilon Honor Society for the Computing and Information Disciplines

**Somerset Community College** – Somerset, KY Associate in Science: Transfer  
**GPA: 3.73 cumulative** – Graduated with High Distinction Completed  
Graduation: May 2012

**Somerset Community College** – Somerset, KY Associate in Applied Science: Diesel Technology  
**GPA: 3.72 cumulative** – Graduated with High Distinction Completed  
Graduation: May 2010

## RELEVANT EXPERIENCE

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**Web Developer at Webbed Sphere, Inc.** – Corbin, KY 7/2016

- Maintain and develop trollandtoad.com, an eCommerce web application.
- Maintain the front-end website using PHP, JavaScript, HTML(5) and CSS(3).
- Integrated Amazon Pay payment system into eCommerce website.
- Participating on a team to refactor legacy code base using modern PHP standards such as class autoloading and dependency injection. Lead for the autoloading portion of the refactor.
- Work with a PostgreSQL database containing over 700 tables doing CRUD operations and writing queries for a PHP backend.

**Ethics & Software Engineering Course** – Richmond, KY 8/2015

- Worked in a small team of three to design and implement an online store website with a functional MySQL database.
- Used ASP.NET and C# with a MySQL database to implement the website.
- Used UML to design the software system initially, complete with design and requirement specification documents.

**Applied Software Engineering Course** – Richmond, KY 2/2016

- Worked in a small team of three to design, schedule and implement a meeting planner application with a functional MySQL database.

- Used C#, Windows Forms and a MySQL database to implement a desktop meeting planner application for the Windows operating system.
- Used UML to design the software initially, complete with requirement and design specification documents.
- Used Microsoft Project to implement a schedule and Gantt Chart to schedule the design and implementation of the software system.
- Used Microsoft Team Foundation Server using the git version control system to coordinate the coding of the software with the team.

## TECHNICAL SKILLS

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- Known programming languages – Java, PHP, JavaScript, Android SDK, C# and Window .NET Framework, Python, XML, some C/C++ as well as some Windows x86 assembly.
- Experience with ASP.NET.
- PHP, JavaScript (ES6), HTML(5) and CSS(3) workplace experience.
- Experience with frontend build tooling such as gulp, webpack and npm/yarn.
- Minor NodeJS experience.
- Experience using MVC web frameworks (Laravel, Symfony, etc).
- Knowledge of software engineering patterns such as MVC, Dependency Injection, front controller pattern and SOLID principles.
- Experience with asynchronous JavaScript and front-end MVC frameworks such as AngularJS.
- Workplace experience with a PostgreSQL relational database with over 700 tables.
- Experienced with MySQL, PostgreSQL and Oracle SQL DBMS.
- Knowledge of Microsoft Office, as well as Windows XP, Vista, 7 and Windows 10 as well as various Linux based operating systems.
- Experience with bash shell and various Linux/Unix command line utilities.
- Knowledge of git version control system in both Windows and Linux environments.
- Some knowledge of Apache web server configurations and system administration.
- Classroom Software Engineering experience included instruction on the Agile development processes, UML design as well as Data Flow Diagrams.

## OTHER EXPERIENCE

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**Snappy Tomato Pizza – Somerset, KY**

7/2010 - Present

**Delivery Driver / Pizza Cook / Cashier**

- Answer customers' questions, and provide information on procedures and/or policies.
- Operate a cash register to make cash and credit transactions with the customers.
- Take customers' orders over phone.
- Deliver orders to customers' house and places of business.
- Help prepare and cook customers' orders.

**Taco Bell – Somerset, KY**

6/2007 – 7/2008

- Prepare and make customer's food orders.
  - Operate cash register to make cash and credit transactions with the customer.
  - Take customer's orders in both a drive-thru window and in store.
  - Operate a deep-fryer to prepare food products.
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## RELEVANT & CURRENT COURSES TAKEN

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- Ethics & Software Engineering
- Applied Software Engineering
- Theory of Database Systems
- Mobile App Development (Android SDK)
- Computer Organization & Architecture
- Computer Networks & System Administration
- Operating Systems
- Introduction to Computer Concepts
- Object-Oriented Programming I & II
- Introduction to Discrete Structures
- Data Structures
- Computer Organization & Architecture
- Introduction to Algorithms
- Computer Networks