

COLIN WAKEFIELD

Software Developer

PERSONAL PROFILE

Passionate software developer with a constant urge to learn and efficiently implement the knowledge gained within and outside of the workplace. Experience with low-level and high-level languages alike. Embraces different methodologies and workflows like Agile and TDD. Comfortable with fast-paced or more flexible work environments equally.

CONTACT DETAILS

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SKILLS

- Java
- Spring
- JPA
- JavaScript
- MVC
- HTML
- CSS
- Flexbox
- Grid
- TDD
- Agile (Scrum)
- Object-Oriented Programming (OOP)
- AJAX
- JSON
- RESTful APIs
- Responsive Design / Mobile
- Structured Query Language (SQL)
- Relational Databases
- Non-Relational Databases
- MongoDB
- Redis
- Source Control / Git
- C#
- VB.NET
- Go
- C++
- Rust
- Spark (Netty)
- Python
- Linux / *nix

VOLUNTEERING

Fuse by Cardinal Health
May 2019

Coached at Fuse Code Camp hosted at Fuse by Cardinal Health. Helped instruct STEM students grades 6-12 in their efforts to create games/animations on Micro:bit microcontrollers using JavaScript.

PROJECTS

Random Access Cards

A flashcard study platform with a focus on ease of use and customizability. RESTful API created with Spring (Java) using JPA and Hibernate. Frontend SPA using AJAX and vanilla JavaScript. Follows Agile (Scrum) methodology and TDD (JUnit).

Dawn Statistics

A web app and RESTful API that presents a machine's data to a client in the form of customizable graphs. Created with a backend database using PostgreSQL, API created with Spring (Java), TDD (JUnit), and follows Agile methodology (Scrum).

Steam Check

A console application to check usernames against the Steam Community API to see if it's available to be claimed as a custom URL (specific link unique to one user). Created with Go.

Binary To Decimal

A small Swing application to live-translate binary input to its decimal equivalent. Created with Java including a UI using Swing.

Blog Site

A minimalistic blog site containing articles categorized from life-hacks to programming. Created with Java, Spring, Thymeleaf, HTML5/CSS3 and TDD (JUnit).

Clicking Calamity

A tribute to cookie clicker. Created purely with HTML5/CSS3 and JavaScript using TDD (Jasmine).

WORKING EXPERIENCE

Construction Laborer

Vaughn Industries | May 2019- Aug. 2019

- Responsible for complying with OSHA standards while routing fiber optic cables, ethernet cables, security camera cables, and alarm cables
- Serviced Columbus State Community College Culinary School, White Castle Corporate Headquarters, North Union Highschool, and Westerville North Highschool

Telecommunications Contractor

Preferred Installation Services Inc. | May 2018 - Aug. 2018

- Confirmed connections to servers via fiber optic cables
- Provided 4G connection to Verizon and AT&T users in Ohio Stadium
- Collaborated with other contractors to complete a given task

EDUCATION

We Can Code IT

Jan. 2020 - Present

Certificate of Software Development

Ohio University

Sep. 2018 - Dec. 2018

Coursework in Computer Science & Engineering