

Zachariah Jett

Software Developer

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I am a self-taught software developer who switched to programming after completing a M.A. History. I enjoy taking apart algorithms and heuristics to see how they work and figure out how to apply them to something completely different. I am seeking to get into a job where I can get feedback from experienced developers, improve my knowledge with real-world projects, and learn creative engineering solutions to real challenges.

Skill Set

Disciplines	Web-Development, Data Transformation, Testing, Agile/Sprint Planning
Languages	Python, Java, C, C#, JavaScript, HTML, CSS, Bash Scripting
Environments	Linux, Windows, Visual Studio, VSCode, IntelliJ, Oracle VM VirtualBox, Compiler Explorer, Google Cloud Platform
Tools	Git, Maven, Spring Boot, Apache Camel, JPA, Hibernate, H2 SQL, Saxon XSLT, Jackson XML/JSON, JUnit5

Projects

Financial Trade Message Router – GitHub: [@trade-message-router](#) Jan. 2024

Takeaways: TEST1; TEST2; TEST3

Languages and Tools: TEST1, TEST2, TEST3

A financial trade routing system built for a practical development exercise designed by a senior developer who worked in that industry. It was built in a Java/Camel based tech stack and supported: XSLT based XML conversion, JPA/Hibernate based database management, JSON based application configuration, and a JUnit based testing suite. As part of the exercise, I was wholly responsible for designing the routing application, including the evaluation, selection, and integration of 3rd party technologies.

Highlights:

- TEST1
- TEST2
- TEST3

Web-Development Projects

Calculator Webpage – GitHub: [@calculator-page](#) Aug. 2022

Takeaways: TEST1; TEST2; TEST3

Languages and Tools: TEST1, TEST2, TEST3

My implementation of the 'Project: Calculator' from The Odin Project's 'Foundations' course, with all 'extra credit' assignments implemented as well as a history tracker.

Highlights:

- Features: Keyboard inputs, built-in error handling, and history tracker.

Project Description: [@TheOdinProject](#)

Etch-a-Sketch Webpage – GitHub: [@Etch-a-Sketch](#) Jul. 2022

Takeaways: TEST1; TEST2; TEST3

Languages and Tools: TEST1, TEST2, TEST3

My implementation of the 'Project: Etch-a-Sketch' from The Odin Project's 'Foundations' course, with additional functionality to allow user to input 'pixel' count of Etch-a-Sketch display. All while carefully styled to look like a classic Etch-a-Sketch.

Highlights:

- Features: Styled like classic Etch-a-Sketch, user can set 'pixel' count.

Project Description: [@TheOdinProject](#)

Rock Paper Scissors Webpage – GitHub: [@UI-rock-paper-scissors](#) Jun. 2022

Takeaways: TEST1; TEST2; TEST3

Languages and Tools: TEST1, TEST2, TEST3

My implementation of the 'Project: Rock Paper Scissors' from The Odin Project's 'Foundations' course, with additional functionality to display game on webpage with images of player choices.

Highlights:

- Features: Displays images of player inputs with delay to keep surprise.

Project Description: [@TheOdinProject](#)

Python Projects

Budgeting App Project – GitHub: [@Budget-App-Project](#) Oct. 2021

Takeaways: TEST1; TEST2; TEST3

Languages and Tools: TEST1, TEST2, TEST3

My implementation of the 'Build a Budget App Project' from freeCodeCamp's 'Scientific Computing with Python' course.

Highlights:

- Features: Tracks debts and credits to account, displays percentage spent by category as bar chart.

Project Description: [@freeCodeCamp](#)

Certifications

Google IT Automation with Python – Google Cloud

Jul. 2021

Online non-credit Professional Certificate authorized by Google and offered through Coursera.

Highlights:

- Automating Real-World Tasks with Python
- Using Python to Interact with the Operating System
- Troubleshooting and Debugging Techniques

Coursera Certificate ID#: [LTPLSJNZE8P](#)

Scientific Computing with Python – freeCodeCamp

Oct. 2021

FreeCodeCamp certification covering the fundamentals of Python up to complex data structures, networking, relational databases, and data visualization.

Highlights:

- Networking with Python
- Regular Expressions
- Relational Databases and SQLite

freeCodeCamp Certificate ID#: [zljett-scwp](#)

Preparing for Google Cloud Certification: Cloud Engineer – Google

Dec. 2021

Online non-credit Professional Certificate authorized by Google and offered through Coursera

Highlights:

- Essential Google Cloud Infrastructure: Core Services
- Elastic Google Cloud Infrastructure: Scaling and Automation
- Architecting with Google Kubernetes Engine: Foundations

Coursera Certificate ID#: [23D7RQW57S2G](#)

Education

Master of Arts – History

Dec. 2020

Wright State University – Fairborn, OH

Minors: TEST1; TEST2; TEST3

TEST Lorem ipsum dolor sit amet consectetur adipisicing elit. Aperiam ex minus debitis at hic, laboriosam laborum aut quia.

Highlights:

- Outstanding Graduate Student – 2021
 - ▶ TEST1
 - ▶ TEST2
 - ▶ TEST3
- Presented research papers at two conferences
 - ▶ "Negotiating Absolutism: Cooperation and Conscription in the Swedish Fiscal-Military State, 1683-1685," presented to Wright State Graduate Research Symposium, Fairborn, Ohio, April 2017
 - ▶ "Negotiating for Efficiency: Conscription, Adaptation, and Reform in the Swedish Empire," presented to University of Toledo History Colloquium, Toledo, Ohio, November 2017

Master's Thesis: [OhioLINK Electronic Theses & Dissertations Center](#)

Bachelors of Arts – History

Aug. 2015

University of Washington – Seattle, WA

Minors: Scandinavian Area Studies; Swedish Language

TEST Lorem ipsum dolor sit amet consectetur adipisicing elit. Aperiam ex minus debitis at hic, laboriosam laborum aut quia.

Highlights:

- Dean's List: Winter, Spring – 2014, Autumn, Winter, Spring – 2015
 - ▶ TEST1
 - ▶ TEST2
 - ▶ TEST3
- Study abroad at Uppsala International Summer Session (UISS) – Summer 2015
 - ▶ Received Foreign Language and Area Studies (FLAS) Fellowship

TEST DESC: [TEST VALUE](#)

Associate of Arts and Sciences

Jun. 2012

Everett Community College – Everett, WA

Minor: Oceanography

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Highlights:

- Attended Everett Community College's Ocean Research College Academy (O.R.C.A.)
 - ▶ TEST1
 - ▶ TEST2
 - ▶ TEST3

TEST DESC: [TEST VALUE](#)

Professional Background

Wright State University – Graduate Assistant
Fairborn, OH

2018 to 2019

Acted as a teaching assistant on several undergraduate classes. Duties included: preparing and grading tests, assisting in the paperwork involved in running a university course, and holding office hours to meet with students and help them with their coursework.

Highlights:

- TEST1
- TEST2
- TEST3

Cedar Apartments Student Association – Assistant-Director of Communication
University of Washington – Seattle, WA

2014 to 2015

Produced all official communications for the Student Association at the University of Washington's Cedar Apartments.

Highlights:

- TEST1
- TEST2
- TEST3

Community Service

Trustee – Swedish Foundation, Inc.

2014 to Present

The Swedish Foundation is a small non-profit serving the greater Seattle area since 1922. The core focus of the organization is helping members of the local community with school supplies, late bills, and anywhere else someone needs a hand up.

Highlights:

- TEST1
- TEST2
- TEST3

William T. Hornaday Award for Environmental Conservation

2011

Silver Badge

Highlights:

- TEST1
- TEST2
- TEST3

Eagle Scout

2011

TEST Lorem ipsum dolor sit amet consectetur adipisicing elit. Aperiam ex minus debitis at hic, laboriosam laborum aut quia.

Highlights:

- TEST1
- TEST2
- TEST3