

# JIMMY COOK

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## LANGUAGES, TECHNOLOGIES, AND CONCEPTS

**Server Side Technologies:** Java, Spring Framework, Apache Camel, REST

**Data Tier Technologies:** MySQL, Spring JDBC

**Client Side Technologies:** jQuery, JavaScript, Bootstrap, AJAX

**Language Fundamentals:** Object-Oriented Programming, Unit Testing, Debugging Techniques, and Agile Methodology Principles

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## EXPERIENCE

GENOHEM – **Software Engineer** (Jan 2017 - Present)

Durham, NC

- Developed a RESTful service using Java/Spring/Camel to integrate our software with a liquid handling automation robot used in DNA sequencing.
- Consistently ship quality and clean production code.
- Work hands on with customers to identify needs and requirements. Design, develop, test, and deploy software to meet those needs.
- After I finished onboarding, I revamped the whole process and reduced the time it takes new engineers to be ready to write production code by 50%.
- Landed a new customer(a \$300k+ contract) by flying across the country with only 24 hours notice to be onsite for 2 weeks straight. Spent those 2 weeks onsite gathering requirements, designing, and implementing a custom software solution to meet an incredibly tight timeline.

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## PERSONAL PROJECTS

**Vending Machine Web App:** Full stack web application using Java, AngularJS, HTML, CSS, Bootstrap, and AJAX. Spring MVC architecture with PostgreSQL database, JUnit testing, and a unique user interface.

Deployed App: <https://vending-machine.herokuapp.com>

Github: <https://github.com/WJimmyCook/vending-machine>

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## OTHER PROFESSIONAL EXPERIENCE

DEPARTMENT OF DEFENSE CONTRACTOR (5 years)

Kandahar, Afghanistan

Employed in various Analyst roles in the defense industry. 2.5 years living and working in Kandahar, Afghanistan. Worked for the Defense Advanced Research Projects Agency (DARPA) on a new experimental body sensor for Special Operations Forces. Successfully deployed, tested, and validated the technology resulting in it being transitioned from a small DARPA research project into a fundamental military wide program.

PROFESSIONAL ONLINE POKER PLAYER (4 years)

As a professional poker player, I analyzed in depth the fundamental probability, game theory, and psychology of a variety of poker games. This was financially rewarding and learned how to self teach to an elite level.

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## EDUCATION

THE SOFTWARE GUILD – Java Apprenticeship Program with more than 750 hours of hands-on developing experience. Mentored and instructed by industry professionals with an average of 15 years experience. Object-oriented programming, debugging techniques, test driven development, common architecture patterns, data/class modeling, HTML/CSS/JavaScript, Bootstrap Framework, Version Control(Git).