

RYAN P. WEAVER

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EXECUTIVE SUMMARY

Motivated and innovative mechanical engineer, driven to become a full-stack software engineer, often tasked with solving complex and technical problems. A developer and builder of consumer products with scale. Published in entrepreneurship article by *Financial Times*, gross sales ~\$1M in 2017. Passionate for service and community outreach.

KEY SKILLS

Complex Project Management
Analytical Problem Solving Skills
Full Stack programming Java, Python

Product Design and Testing
Integrated Marketing
Financial Modeling

Team Collaboration
Creative and Critical Thinking
Excellent Communication Skills

PROFESSIONAL EXPERIENCE

Montgomery College Information Technology Institute, Gaithersburg, Maryland

Sept 2018 –Present

Full-Stack Web Development - Bootcamp

- Java, Python, JavaScript, Frameworks - Django, Flask, Spring Boot, Web Applications, Web Services, Git, HTML, HTML5, CSS, Bootstrap, Rest APIs, XML, JSON, Maven, Windows / Linux Command Line / Terminal, SQL Server Relational Database, MySQL, JDBC API, SQLite, PostgreSQL, IntelliJ, Data Analysis

EWR Products, LLC, Frederick, Maryland

Apr 2016 – Present

Founder and Chief Designer

- Research market niches within Amazon's product database using algorithms in web applications
- Collaborate and build rapport with overseas manufacturers, prototype products, produce molds, design packaging, while delivering exceptional customer service with attention to detail
- Manage logistical shipping and importing operations
- Developed, mass-produced, and sold multiple products resulting in top-tier Amazon sales ranks

Schlumberger, Prudhoe Bay, Alaska

Jul 2014 – Apr 2016

Drilling Fluids Engineer

- Delivered opportune resolutions to customers in a high-pressure fast-paced environment; maintained project deadlines; made recommendations to reduce fiscal loss
- Optimized fluid properties to troubleshoot downhole issues, once resulting in ~\$9K savings for the client
- Managed logistics operations, oversaw two rig personnel, and involved in all fluids computer software documentation
- Collaborative with partner companies; ensured timely project completion within budgetary constraints

Virginia Tech Transportation Institute, Blacksburg, Virginia

Feb 2014 – May 2014

Autonomous Vehicle Research Assistant Intern

- Provided technical verbal and written communication to software development team on the viability of tested vehicle safety hardware
- Design Excel software program by coding basic macros to expedite data processing resulting in promotion
- Tested autonomous features such as adaptive cruise control and lane centering at General Motors in Michigan

EDUCATION

Virginia Polytechnic Institute and State University, Blacksburg, Virginia

Aug 2009 –May 2013

B.S. Mechanical Engineering

- Created a system to utilize a generator's exhaust heat for collecting air moisture, producing high quality drinking water
- Computer Science Programming Exposure: Core Java (Object-Oriented Programming), Python (shell scripting), C++, Statistics, Matlab, Windows, Microsoft Office

SOCIAL ACTION

Mission Work | Kenya, Honduras, Zambia, Colombia, Cambodia, India, & USA

Jul 2011 – Present

- Visited hospitals and underserved communities while committed to leading service oriented projects
- Delivered food and assisted with disease prevention and sanitation
- Gained hands on, vital international leadership experience and new passion for growing personal business

INTERESTS & ADDITIONAL QUALIFICATIONS

Pursuing Masters of Divinity in Biblical Languages; skiing, climbing, backpacking, and football (HS starting quarterback)
Basic grasp of scrum & agile development methodologies, able to obtain DoD security clearance for software engineering