Jake Crawford

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Education

University of Colorado Boulder   *08/2015 - 05/2019*

College of Engineering and Applied Science

Bachelor of Science (B.S.), Computer Science, **4.0**

Minor in Business (Entrepreneurial Focus)

Coursework: Data Structures, Algorithms, Computer Systems, Operating Systems,
Network Systems, Databases, Programming Languages, Big Data Architecture, Cyber Security,
Object Oriented Design, Data Center Scale Computing

Work Experience

Software Engineering Intern, LogRhythm   *05/2018 - present*

- Improved insight into service health by adding StatsD based metrics to multiple .NET services
- Helped investigate and define developer build processes in a mono-repo using Bazel and Docker
- Currently working on building out a highly scalable data pipeline component using Go

Engineering Intern, Sovrn Holdings   *06/2017 - 08/2017*

- Worked on a Java based ad-exchange bidder for Amazon A9, Google EBDA, and other OpenRTB exchanges
- Created a Java service to convert HTML to AMP HTML
- Wrote and modified unit and integration tests written with JUnit

Technical Analyst Intern, Motive Retail   *01/2016 - 08/2016*

- Wrote user interface for an XML schema generation application, moving it from the prototype to alpha phase
- Assisted in systems administration, QA testing and specification writing

Freelance Web Developer   *06/2014 - 12/2015*

- Worked directly with clients to provide web and social media solutions for their small businesses and startups
- Projects Include: informational business websites, a startup MVP, beat matching software for therapeutic use, WordPress maintenance and modification, hosting administration, SEO, and custom logo creation

Personal Projects

CertChain (HackCU 2018 Entry)   *02/2018 - 02/2018*

- Created a proof of concept surrounding decentralized SSL certificates via blockchain technology

OBD Buddy (HackCU 2017 Entry, MapQuest API Winner)   *04/2017 - 04/2017*

- Led team to create navigation app that provides contextual information from a car's onboard diagnostics

CUSmile (HackCU 2016 Entry, Best Domain Name Winner)   *04/2016 - 04/2016*

- Worked on team to build happiness tracking app using Meteor and a Pebble watch

Technical Skills

Languages:	Java, Go, Python, C++
Tools/Databases:	Git, Debian Linux, MySQL, Docker, Bazel, JUnit
Other:	Agile, Project Management, Unit Testing