

Aaron Matthew Daniel Thomas

Curriculum Vitae

WORK EXPERIENCE

JULY 2019 – PRESENT

Google (Alphabet Inc.)

Software Engineer

- Spearheaded the design, implementation, and launch of core video processing features for 40+ clients, including leading platforms such as YouTube, Google Photos, Google Drive, and Gmail.
- Led a successful cross-functional effort to integrate and implement support for a cutting-edge data storage system. Developed and executed a comprehensive pipeline to migrate a massive 7+ exabytes (7+ billion GB) of data to the new system.

SEPTEMBER 2016 – MAY 2019

University of Missouri

Web Developer

- Demonstrated proficiency in managing and enhancing the design, development, and maintenance of 5 eCommerce websites, 5 informational websites, and 4 internal management toolkits.
- Proactively leveraged version control, continuous integration, continuous delivery, and unit testing to optimize software engineering procedures.

SEPTEMBER 2016 – JUNE 2017

PlusOne Group LLC

Co-founder & Chief Technology Officer

- Successfully secured seed round funding from the Mid-Missouri Technology Incubator.
- Led a team of four developers in the development and delivery of a robust and scalable progressive web application, built on the MEAN stack.
- Collaborated with a design firm to develop a landing page, utilizing cutting-edge HTML, CSS, and JavaScript technologies.

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EDUCATION

2015 – 2019

Computer Science

BACHELOR OF SCIENCE

University of Missouri,
Columbia, MO

PROJECTS

ReadReceiptFS

Configurable flipswitch for iOS devices

- Successfully reverse engineered and developed the first third-party flipswitch for iOS using Objective-C.
- Garnered over three thousand downloads on the Cydia platform.

Pomo

Web-based pomodoro timer

- Developed a high-performing and lightweight web application utilizing NodeJS, ReactJS, and React Bootstrap to increase productivity.

SKILLS

LANGUAGES	C++, JavaScript (jQuery, Node.js, React), Python, Java, HTML, CSS
TOOLS	Amazon AWS, Google Cloud Platform, REST services, RPCs, Bootstrap (web library)
CONCEPTS	Version Control, Database Management & Administration (SQL & NoSQL), Cloud Computing