

Mitch Talmadge

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<https://mitchtalmadge.com/>

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<https://github.com/mitchtalmadge/>

Full-stack software engineer and SaaS startup founder with 7+ years of experience taking concepts to creation. Excellent oral and written communication skills. Self-driven learner. Loves to work independently and in teams.

EDUCATION

Aug. '16 to Present **University of Utah College of Engineering** – B.S. Computer Science
3.9 GPA • Direct Admittance • Immediate Full-Major Status • Honors at Entrance Scholarship

EXPERIENCE

Jul. '18 to Jan. '18 **ConexED** – Software Engineer

- Wrote FFMPEG video processing algorithms to merge conference recordings into a single MP4 file. Employed multiple AWS services including SQS, SNS, ECS, and Lambda.
- Built an appointment check-in kiosk system with wait-time estimation and live displays.

Jun. '18 to Nov. '18 **Gizmode Innovations** – IoT Software Engineer

- Developed embedded C++ firmware and circuitry for an ESP8266 microcontroller.
- Created web application and backend framework to interface with IoT device firmware.

Aug. '17 to Present **Entheos Academy** – Web Developer & General IT Assistant

- Developing custom school website to be responsive, ADA/FERPA compliant, and SEO friendly, with 50% increase in number of daily visitors.
- Ensuring reliability and security of web traffic via CDN and SSL integration.

Aug. '16 to Present **AptiTekk, LLC.** – Founder & CEO

- Designing highly-available Spring Cloud web applications with Docker and Kubernetes.
- Utilizing JIRA, Bitbucket, and Bamboo for agile continuous integration processes.
- Connecting physical and virtual Linux servers to host company website and services.

SKILLS

Languages: Java EE, JavaScript, TypeScript, C, C#, C++, Python, PHP, SQL, HTML, CSS, UML, XML.

Frameworks & Patterns: Java Spring, JSF, Node.JS, Express, Zend, Angular, Electron, Arduino, REST, MVC.

Tools: Docker, Kubernetes, Webpack, JIRA, Bamboo, Jenkins, Linux, Windows Server, Heroku, AWS, Firebase.

HONORS

Sterling Scholar: Regional Winner – Computer Technology

Central Utah Science and Engineering Fair:

- First Place – Computer Science
- Intel Excellence in Computer Science Award
- Dean's Award – BYU David O. McKay School of Education

Technology Student Association (TSA): First Place – Software Development

Microsoft Technical Associate (MTA): First Place – Development Fundamentals

PROJECTS

Jun. '18 to Nov. '18 **IoT Water Alarm** – An upgrade to an existing water detection system, with custom WiFi firmware and a web-based control panel. Competes with an ever-growing IoT device market.

Aug. '15 to Present **AptiBook** – Multi-tenant room and equipment reservation system built around a hierarchical approval process. Designed for schools, with support for Google Apps and CAS authentication.