

Tyler Arthur

Fullstack developer with a background in web development, client engagement, and military-grade hardware manufacturing. Friendly, articulate, driven, and ready to grow through professional development and experience.

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EXPERIENCE

Trilogy Education, San Diego, CA — **Technology Tutor**

Sep 2020 - Present

- Facilitate and lead additional learning of a Fullstack Web Development course for assigned students to reinforce course topics and materials
- Topics include **MongoDB, Express.js, React.js, Node.js, HTML5, CSS3, Javascript, SQL/mysql, Node packages, Bootstrap, Handlebars.js, Jest**, and modern Front-End and Back-End design patterns
- Research and answer any questions students may have that are beyond the scope of the course

Contract, Self Employed — [SharonMarieScott.com](https://sharonmariescott.com)

Aug 2020 - Oct 2020

- Worked directly with client to develop and design a business website using SquareSpace
- Used available branding and minimally designed wireframe to construct a robust platform for client to market and run their business from a central website that also included a blog, community forum, online shop, and integrated email marketing services
- Worked closely with client to ensure design was on brand and exceeded initial scope and expectations

Core Systems USA, Poway, CA — **Asst. Production Floor Manager**

May 2014 - Dec 2016 / Apr 2019 - Jan 2020

- Manufacture rack-mount servers and military hardware according to the NAICS: 7373 - Systems Integration Standard
- Manage larger hardware production orders utilizing junior and senior System Integrators
- Provide on-site training for new System Integrator hires
- Perform first article build documentation for company wide use on new system integration builds
- Perform in-process manufacturing inspections, software inspections, and final inspections on hardware assembled by System Integrators
- Be knowledgeable of and fill in for other department head roles

Sufferfest Beer Company, San Diego, CA — **Sales Marketing Manager**

Apr 2018 - Feb 2019

- Generate new clients and customers by offering sample products, running tastings, and organizing grass roots events
- Coordinate with current clients and distributors weekly to measure their current and future needs based on previous sales data and information
- Work remotely and unsupervised while maintaining communication with corporate and other Sales Marketing Managers

California Army National Guard, Enlisted (E-4) — **Cavalry Scout**

Feb 2010 - May 2018

TECHNICAL SKILLS

Languages: Javascript, Linux

Packages and Frameworks: Node.js, React.js, jQuery, Bootstrap, CSS3/Sass, Tailwind.js, HTML5, Express, Socket.io, Moment.js, NPM, Yarn, REST, JSON, OOP

Databases: MongoDB, MySQL / SQL, Mongoose ORM, Sequelize ORM

Deployment and Version Control: Git, Heroku, MongoDB Atlas, Netlify

LINKS

Github:

<https://github.com/tyler-arthur>

Linkedin:

www.linkedin.com/in/tyler-arthur-8a64779b/

Portfolio:

<https://tylearthur.dev/>

EDUCATION

UC San Diego, San Diego, CA — *Fullstack Web Development Certification*

Nov 2019 - Jun 2020

Completed a comprehensive, 6 month duration, Fullstack web development boot camp to understand and leverage **MongoDB**, **Express.js**, **React.js**, and **Node.js** technologies. Built back-end servers, **SQL** and **noSQL** databases, and command line applications to support modern, user-friendly and intuitive websites. Other supporting technologies learned are **git**, **github**, **CLI applications**, **HTML**, **CSS**, **Bootstrap**, **Javascript**, **jQuery**, **Handlebars.js**, **Sequelize ORM**, **Mongoose ORM**, **NPM**, and **Progressive Web Applications**.

San Diego Miramar College, San Diego — *AS Fire Prevention (In Progress)*

Jan 2017 - Nov 2018

Studied mechanisms of fire in different mediums including wildland, urban, high-rise, and wildland-urban interface as well as the science behind fire reactions, growth and extinguishment. Learned how to assess interior and exterior of buildings for possible fire hazards and mitigate these risks based on studies of fire code enforcement and enactment, previous disasters, building materials, building construction and design.

PROJECTS

Feedback Loft— github.com/tyler-arthur/FeedbackLoft-v2

Utilized **MongoDB**, **React.js**, **Express.js**, **Node.js**, **AWS-SDK**, and **auth0** to create a social platform that allows users to share current music projects and receive reviews from other users. Application was created alongside two other developers. MVP completed and showcased in a two week window.

- Responsible for Front-End design using React.js and connecting User-End API's to Back-End server and database
- Integrated **auth0** authentication protocols for account creation using a Google account or personal email
- Handled media uploads for supported audio files using **AWS-SDK**
- Created a smart algorithm that matched a random user's project to be reviewed by a user with similar artistic interests
- Performed Agile practices such as daily stand-ups, code reviews, retrospectives, milestones, and Kanban workflows
- Live site: gentle-savannah-15578.herokuapp.com (user: *user1* | password: *Password1!*) - database depreciated

Chatticus — github.com/tyler-arthur/chatticus

Utilized **socket.io**, **React.js**, **Express.js** and **Node.js** to create a session-based, instant messenger application. MVP completed and showcased in a one week window.

- Personally designed project around learning and implementing **socket.io** as a new technical skill
- Leveraged **socket.io** rooms to allow users to dynamically create and move between chat rooms
- Live site: floating-dusk-63158.herokuapp.com

Employee Tracker — github.com/tyler-arthur/Employee-Generator

Utilized **inquirer.js** to create a **Node.js** command line application that generates a team profile HTML file.

- Project was created utilizing **test-driven development** using **jest** for unit test evaluations
- Leveraged **file system** and **path Node.js** packages
- Followed **OOP** paradigm for clean and reusable code