

Eddie T. Chiang

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GitHub: github.com/echiang73 | AngelList: angel.co/eddie-chiang

SUMMARY

Full Stack Developer seeking to integrate technologies to create applications to solve or improve upon existing problems. Leveraging expertise as scientist-entrepreneur to provide unique perspective on problem solving and creativity to deliver meaningful, user-friendly web applications that can enhance daily lives. Fast learner, takes pride in work, and methodically driven to complete task above and beyond the requirements. Sought after for ability to enhance productivity, creativity, and workplace synergy.

TECHNICAL SKILLS

Languages: HTML5, CSS3, JavaScript, SQL, Java

Libraries/Frameworks: jQuery, React, Mongoose, Moment.js, Chart.js, Bootstrap, Express.js, Materialize

Others: Node.js, MySQL, MongoDB, Firebase, APIs, AJAX, Git, JawsDB, ag-Grid, Illustrator, Photoshop

Concepts/Patterns: Model-View-Controller, Responsive Design, Kanban, CS fundamentals

APPLICATIONS BUILT

ZENN Inventory

Role: Lead developer of group of four

Multi-channel inventory management app

- Full stack app utilized Etsy and eBay APIs to create a centralized database with dynamic sales inventory table
- Built app with MERN stack (MongoDB, Express.js, React.js, Node.js), coded the Etsy API and ag-Grid. Managed project with Kanban, and created/lead the group presentation. Wrote majority of final code.
- Link to GitHub: http://github.com/echiang73/Zenn_Inventory
- Link to deployed site: <http://www.zenninventory.com/>

TRAINr

Role: Lead developer of group of three

Personal workout tracker platform

- Full stack app to provide guidance on exercises, keep track of your completed workout, and store the information seamlessly in a database with instant access to your workout performance in graphs
- Built app using Sequelize Object Relational Mapping (ORM), SQL, with Handlebars templating to dynamically render html. Managed project, and created group presentation. Wrote majority of final code.
- Link to GitHub: http://github.com/echiang73/Project_Two_REM
- Link to deployed site: http://github.com/echiang73/Project_Two_REM

Take-A-Hike

Role: Lead developer of group of four

Find hiking trails based on geolocation/location search

- App to utilize multiple APIs to make AJAX calls for geocoding coordinates, hiking trail data, and maps
- Coded back-end APIs (MapBox, Here.com, Hiking Projects), and front-end rendering of 2D/3D maps. Managed project with Kanban, and created/lead the group presentation. Wrote majority of final code.
- Link to GitHub: https://github.com/echiang73/SEMI_Project_One
- Link to deployed site: https://echiang73.github.io/SEMI_Project_One/

Bamazon Storefront Node App

Role: Node App Developer

Terminal/Command Line Interface Amazon-like Storefront

- Back-end-based app in which *customer* can shop and purchase products, *managers* can regulate product inventory, and *supervisor* can track departmental finances
- All 3 “users” can manipulate same MySQL database tables to track storefront product sales/inventory
- Built with JavaScript, Node.js, npm (inquirer), MySQL databases, .env
- Link to GitHub: <https://github.com/echiang73/Bamazon>

EDUCATION

University of Arizona Coding Boot Camp, Tucson, AZ

Full Stack Flex Program: Certification

An intensive, fully-immersive 24-week long boot camp focused on gaining technical programming skills and dedicated to designing and building front-end and back-end web applications.

PROPEL Sikich Investment Banking Workshop Series

Start-Up Business Investment

Five-month, in-depth, early stage business development workshop series to evaluate a company's development process (including milestones, financing, exit strategies) and critical investment inflection points.

Boston University, Boston, MA

BA/MA, Biology w/ Distinction and Vascular Physiology

Magna Cum Laude and Phi Beta Kappa member; Howard Hughes Medical Institute fellowships; Research assistantships – NIH funded; Teaching fellowships – Biochemistry, Human Physiology

ADDITIONAL WORK EXPERIENCE

2010– 2019 Aqualung Therapeutics, Tucson, AZ

COO (2013-19); CEO (2011-13); Director of Operations (2010-11)

Created start-up company infrastructure and environment in order to develop a novel therapeutic antibody for the treatment of inflammatory lung diseases. Provided leadership, business strategy, and team management, utilizing commercial awareness, problem solving, data analysis, time management, work ethics, communication, and listening skills.

- Awarded NIH 2-year \$630,000 Phase I STTR Grant, record amount for Phase I STTR award
- Awarded NIH 3-year \$1,725,000 Phase I/II STTR
- Raised \$395,000 investor capital
- Obtained exclusive license for intellectual property from the Tech Launch Arizona at University of Arizona

2010-2019 Research Labs of Joe G.N. Garcia, M.D. at Univ. of Arizona, Univ. of Illinois

Assistant Scientific Investigator

Utilized multi-tasking skills to support every aspect of basic science research from: planning and execution of independent research experiments; data interpretation and analysis; written and oral progress reports; presentation of data at professional scientific meetings; manuscript preparation; training and supervision of other employees; grant writing and submission; administrative and budget support; management of intellectual property and patent technology.

- Multiple, successful research grant applications, triple the national average of just 10% successful awards