

Marc Bucchieri

bucchierimarc@gmail.com | (781) 258-8074 | Bend, OR (Remote)

WORK EXPERIENCE

KTBYTE Computer Science Academy

Feb. 2020 – Jun. 2025

Managing Director | Nov. 2023 - Jun. 2025

Remote

- ktbyte.com specializes in providing comprehensive computer science education to young students
- Manage personnel and finance for international company with \$300k of annual profit.
- Oversee and Instructor, Operations, and Engineering departments.
- Work closely with team leads and gather input on product management and development.

Operations Manager | Feb. 2022 - Nov. 2023

Remote

- Prior to my promotion to Managing Director, I managed the Operations department. This included the customer support team as well as hiring, training, and staffing new computer science instructors.

Fullstack Engineer | Nov. 2021 - Jun. 2025

Remote

- Maintain code and develop new features for KTBYTE's Computer Science Education platform.
 - **Stack:** JavaScript (React + TypeScript); Java; Zustand; Webpack (multi-env); DTO integration (bundle.ts); SQL (MySQL + PostgreSQL)
- Design and develop user-friendly web pages and workflows, including translation support with i18n.
- Write and maintain Kotlin tests for platform stability.
- Use AI assistance (claude.ai, chatGPT) to increase efficiency of engineering team.

Instructor | Feb. 2022 - Jun. 2025

Remote

- Teach computer science courses with Java, Python, and block-based code to students aged 8-18.
- Develop and maintain AI / Machine Learning curriculum for advanced students.

White Mountain Science, Inc.

Nov. 2016 - Sep. 2020

Instructor and Software Developer

Bethlehem, NH

- White Mountain Science, Inc. nurtures creative problem-solving by teachers and students through equitable STEM education
- Develop and maintain whitemountainscience.org; full stack development of educational resources for teachers.
- Instruct professional development workshops for K-12 teachers and after-school programs.
- Developed IoT educational tools with Flask web app and Arduino robotics.

Outward Bound

May 2016 - May 2020

Instructor

Bend, OR

EDUCATION

Tufts University

May 2016

Bachelor of Science, Mechanical Engineering

Somerville, MA

- **GPA: 3.9/4.0**
- Music Minor

SKILLS & INTERESTS

- **Technologies:** React; Typescript; Javascript; [Node.js](https://nodejs.org/); Zustand (state management); Tailwind CSS; Java; Python; Numpy; Pandas; scikit-learn; Tensorflow / Keras; Pytorch; AutoCAD; REST APIs; C++
- **Skills:** Product Development; Project Management; AI-Assisted Software Development; Human Resource and Operations Management; Database Integration and Schema Management; Technical Communications; Robotics
- **Interests:** Cycling; Skiing; Rock Climbing; Traveling; Writing Music (Piano, Guitar, Vocals)