# TIM TONELLI | SOFTWARE ENGINEER

## RELEVANT EXPERIENCE

### FULL STACK SOFTWARE ENGINEER; VIA SCIENCE
MASSACHUSETTS (REMOTE) – SEPT 2022-PRESENT

- Core team for JARVIS and ROAD applications, actively developing and maintaining frontend apps (Angular, React), backend apps/services (Python, Docker, Kubernetes)
- Made significant improvements in readability and maintainability of older codebases including:
  - Led the refactoring efforts of legacy code from the MVP stage, as well as identifying and removing code that remained from deprecated features, and incrementally refactoring the frontend to adopt TypeScript
  - Proactively identified and resolved technical issues with local development environments, enabling the team to operate more efficiently and effectively
- Helped design and build a micro-service allowing for concurrent workflows
  - Spearheaded the development of the initial prototype and drove iterative improvements until production-ready
  - Collaborated on the design and implementation of the Helm chart for the service, ensuring its adaptability for seamless integration into multiple applications across diverse teams

### SOFTWARE ENGINEER; MIRO SOLUTIONS (FREELANCE)
MASSACHUSETTS (REMOTE) – JULY 2022-SEPT 2022

- Built out MVP of mobile app in React Native/Expo from the ground up, and integrating it with an existing REST API, including the following features:
  - Authentication flow
  - Navigation using React Navigation
  - Global styling theme using React Context API with dark mode support
  - Allow user to edit app settings and persist their choices in device storage
  - Integrate device APIs such as Camera/Photos and Device Location
  - Validate Device Location against geo-fence on the server for location-based check-in workflows
  - CRUD operations

### JUNIOR SOFTWARE ENGINEER; KNERAS (CONTRACT)
MASSACHUSETTS (REMOTE) – JUNE 2022-JULY 2022

- Developed UI components in React for in-house UI library
- Developed MVP Front End UI for company website - kneras.com

### APPRENTICE FULL STACK ENGINEER; LAUNCH ACADEMY
BOSTON, MA – JAN 2022-MAY 2022

- Built skills and developed strong procedural and domain knowledge in full stack web development in a React/Node/PostgreSQL stack

## CONTACT

Watertown, MA
978-990-2445
timtonelli@me.com
*linkedin.com/in/tim-tonelli*
*github.com/timTonelli*

## SKILLS

**Languages:** TypeScript, Python, Go

**Libraries/Frameworks:** React, React Native, Angular, Next.js, TailwindCSS, Socket.io

**Databases:** PostgreSQL

**Tools:** Node, Docker, Kubernetes, Github Actions, Jest, Vitest, Storybook

## EDUCATION

**BS, Audio Engineering**
Husson University
*Aug 2011-Jun 2015 | Cum Laude*