

# Trevor McGirr

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## EXPERIENCE

### Software Engineer – Imanyco

Jun 2022 – Present

- Led front-end development for the main speech-to-text service (ReactJS), including UX/UI design (Figma), API integration, and new feature implementation.
- Worked closely with back-end engineers to advise and implement database structure (PostgreSQL, AWS), and API development (NodeJS, Express) for serving client data.

### Software Engineer (Intern) – FutureGen Robotics

Apr 2022 – July 2022

- Led the development of the User Web Portal (MongoDB, Node, Express, Angular). Reconstructed the MongoDB instance and contributed to the user authentication process.
- Participated in Machine Learning / Artificial Intelligence (Deep Learning) algorithm design and implementation to develop accurate predictive models during the internship.

### Application Engineer Support – Allvue Systems

Feb 2021 – Apr 2022

- Tested and deployed various scripts in MsSQL to resolve incorrect financial data and reconfigured stored SQL procedures in clients' live production environment.

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## RELEVANT TRAINING

### Software Engineer — Codecademy Full Stack Engineer Path

- Developed multiple Single Page Applications using React, Node, Express, and MongoDB (Use of Components, Props, Hooks, State, PostgreSQL, APIs testing in Postman).
- Built a [speech-to-text](#) web application that uses firebase/firestore for authenticating and storing data with real-time transcription service and session storage for future viewing.

### Machine Learning and Deep Learning – Codecademy Machine Learning Course

- Developed Supervised/Unsupervised (Naive Bayes, KNN, Decision Tree, Regression, K-means) Machine Learning models through relevant course projects.

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## SKILLS

Full-Stack Engineer, Software Engineer, JavaScript, ReactJS, NodeJS, ExpressJS, PostgreSQL, SQL (MsSQL), Machine Learning, Artificial Intelligence, Deep Learning, OpenCV, Python, Python3.

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## EDUCATION

Master of Science, Artificial Intelligence — University of San Diego (2024)