

Joanne Lee

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Profile

An analytical, collaborative, and solutions-driven Junior Software Developer with experience in software development, data analysis, and project delivery.

- A Full Stack Software Developer and Learning Success Tutor with over 3 years of experience in team-based and project-based roles. Strong background in front-end development, data management, project management, compliance, quality management, and reporting.
- Demonstrated ability to support teams in test planning, debugging, process improvement, and performance management.
- Core competencies include test planning, Agile project management, object-oriented programming, technical documentation, responsive web design, and user acceptance testing.
- Proficient communication, liaising, and leadership abilities (working independently and as part of teams). Proven ability to establish a positive rapport with clients, colleagues, project teams and superiors while working in fast-paced, deadline-driven environments.
- Proficient in:
 - **Languages:** HTML, CSS, JavaScript, Python
 - **Databases:** MySQL, PostgreSQL
 - **Libraries:** jQuery, NumPy
 - **Version Control:** GitHub, Git
 - **Frameworks:** React, Django, Django REST, Bootstrap, Flask

Experience

Software Developer & Learning Success Tutor | Code Institute

March 2023 - Present

- Support the students at Code Institute's Full Stack diploma programme taking ownership of certain business requirements and acting as the liaison between the students and Engineering teams.
- Deliver specialized guidance for students of various software engineering specializations and collaborate with remote international cross-department learning success teams to ensure student success.
- Perform live bug-fixing and problem-solving in shared Gitpod workspaces for projects built with HTML, CSS, JavaScript, Python, Django, React, MongoDB, and SQL.
- Contribute to Code Institute's student employment success rate of 96% by ensuring students' code matches industry standards and best practices through one-to-one tutoring sessions.

Quality Annotation Analyst | Apple

October 2020 - March 2023

- Support a team of Analysts in improving Apple's speech recognition software, by assessing data quality and working closely with the engineering team to translate insights into updates and change requests.
- Review and analyze large volumes of language data against established benchmarks for accuracy to determine data quality. Manage the data pipeline to ensure that all annotated samples meet quality standards before acceptance into the modelling data, supervising data labelling and cleaning processes.
- Evaluate AI-generated speech-to-text results with a focus on improving the accuracy of Canadian language norms and nuances to improve the end-user experience, using cultural awareness and active listening.
- Provide mentorship and training to Annotation Analysts, working to improve outcomes in classification accuracy, standardization, and workflow efficiency across the team.

- Transcribed, analyzed, and documented a high volume of speech-to-text results for accuracy and completeness according to established baselines to support the software team in developing insights for language localization in Canada.
- Conducted data entry and analysis while ensuring compliance with all protocols for documentation and recordkeeping.
- Worked within a team to meet production targets in a deadline-driven environment, supporting internal initiatives for process improvement, and contributing to daily meetings and reviews.

Education

Code Institute

October 2021 - December 2022

Diploma, Full Stack Software Development, Specialization in Advanced Front-End Development
Accredited by the University of West of Scotland

University of Guelph

September 2013 - June 2017

Honours Bachelor of Applied Science (Dean's Honour List for 4 consecutive years)

Projects

- **Yakker** github.com/lee-joanne/yakker-backend (Back-End); github.com/lee-joanne/yakker-frontend (Front-End)
A social media platform with an interactive front end that is identical to Twitter. Developed the back-end using Django REST Framework and Django models to create a custom RESTful API. Developed the interactive front-end with React and JavaScript, allowing users to manipulate the back-end database from the client side.
- **Rageit** github.com/lee-joanne/rageit
A blog-style content management web application (*Django Web Frameworks*) that allows users to perform CRUD operations for posts, comments, and likes. The site will enable users to create and store profiles and profile data (*Heroku's PostgreSQL Relational Database*), including images (*Cloudinary*).
- **Pirate Ship** github.com/lee-joanne/pirate_ship
An interactive battleship-style game (*Python*) with an object-oriented programming paradigm (*GitHub, Git, Heroku for version control and deployment*).
- **Geo Quiz** github.com/lee-joanne/geo-quiz
A web-based application that hosts an interactive online quiz (*JavaScript, HTML, CSS, Bootstrap, Git, GitHub*).
- **Cork Paints** github.com/lee-joanne/cork-paints
A responsive web application (*HTML, CSS, Bootstrap, Git, GitHub*) with an interactive UI experience using stylistic, responsive, and accessible design.