Qui Ton

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Former structural engineer seeking to transition into software engineering, with experience in problem solving, logical reasoning, team collaboration, and project management

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EDUCATION

University of California, Berkeley — *M.S. Civil Engineering* — May 2019
University of Texas at Austin — *B.S. Architectural Engineering* — May 2018

Courses: Harvard CS50, CS50 Web, the Odin Project, Automate the Boring Stuff (Python)

PROJECTS

Portfolio Website: https://quiton-portfolio.web.app/

- Utilized **HTML, CSS, Sass, Bootstrap**

Summa Theologiae: https://www.thesumma.app/

Web app for the St. Thomas Aquinas's *Summa Theologiae* (medieval textbook of theology) using **Python**, **Django**, **JavaScript**, and **SQL**

- Regex patterns for parsing through repetitive text & search bar
- **HTML**, **CSS**, **Bootstrap**, **JQuery** for interactive and responsive design
- **Django** forms for user login and authentication
- **PostgreSQL** relational database for user logins and bookmarks
- **JavaScript** front end for dark mode, custom buttons, bookmark display
- Unit and integration tests
- Deployment on Heroku

EXPERIENCE

Structural Engineer / LA Fuess Partners Austin, TX 8/2021 – 5/2022

- Produced clean & informative drawing sets for clear communication
- Maintained responsibility for delivery of several projects
- Designed structure and components for schools & data centers

Structural Designer / Tipping Structural Engineers Berkeley, CA 7/2019 – 7/2021

- Performed modeling, analysis, and design calculations for project drawing sets
- Worked with various project team combinations and structures
- Utilized quantitative skills to solve complex problems
- Created innovative design solutions for safety, efficiency, and minimal cost

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HOBBIES & INTERESTS

Philosophy, Theology, Service & Community at Parish Church, Chess, Amateur Photography, Karaoke, 80's New Wave