

Edmund Cheng

SOFTWARE ENGINEER | TRAVELER | LIFELONG LEARNER | HALL-OF-FAME PLATE CLEANER

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Skills and Technologies

PROGRAMMING, SOFTWARE & TOOLS

- **Languages + Frameworks:** Python3, HTML5/CSS3, JavaScript/TypeScript, Angular, React/Next.js, SQL, Nest.js, Node, Express, Java
- **Tools + Software:** Confluence, JIRA, Agile/Scrum, MongoDB, Docker, CI/CD, AWS, Git

Work Experience

Siemens Corporation

Remote

SOFTWARE ENGINEER

Nov. 2021 - Present

- **RELEVANT BUZZ-WORDS:** Nest.js, Angular, TypeScript, AWS, Serverless, REST, CI/CD, IaC, Unit Testing, End-to-End (e2e) Testing, Agile/Scrum
- Designed and implemented cloud-based web solutions to meet clients' needs, automate intricate business processes, and boost productivity. These solutions have enabled clients to reduce costs by an average of **\$250.000** while achieving an ROI of **78%** within the first 6 months.
- Develop and publish Angular libraries to NPM allowing for faster development and cost savings of **\$5k+** per project implemented.
- Collaborated with a team to design and implement a versatile dynamic module that streamlines the process of generating user roles and permissions, resulting in cost savings of **\$5k** per project.

Blue Eye Soft Corporation

Remote

FULL STACK DEVELOPER

Feb. 2021 - Nov. 2021

- **RELEVANT BUZZ-WORDS:** AWS, MySQL, PostgreSQL, Flask (Python), Node, Google Drive API, ETL, CRON jobs, Stripe, Microservices
- Pioneered the development and delivery of an **ADA-compliant** web application connecting providers and visually impaired patients with relevant services and specialty care which attracted interest from **5+** hospitals, clinics, and practices.
- Automated the process of aggregating, cleansing, and transforming data from various sources, including the NPPES NPI Registry and CTTI open-source database, utilizing cron jobs and reducing manual labor by **10+ hours per week**.

WILD Technologies AI

London, England

SOFTWARE ENGINEER INTERN

Feb. 2019 - May 2019

- **RELEVANT BUZZ-WORDS:** Angular, Django, Python3, Scrapy HTML5/CSS3, TypeScript, REST API
- Wrote scripts to automate the collection, aggregation, and cleaning of marathon and endurance sports-related data from **100+** web pages

Projects

Smylen (Contract)

Brooklyn, New York

SOFTWARE ENGINEER

October 2021

- **RELEVANT BUZZ-WORDS:** Vue.js, Node.js, AWS Textract, S3, AWS-SDK
- Developed a Full Stack web application that takes in images of insurance cards, stores images, and returns data in formatted plain text.

Contactless Delivery Drone

Brooklyn, NY

SOFTWARE ENGINEER

Aug. 2020 - May 2021

- **RELEVANT BUZZ-WORDS:** React, Docker, Nginx, Heroku, CI/CD
- Spearheaded the development of a responsive web application showcasing my senior design project: a contactless delivery drone.

Scouting Report Application

Brooklyn, New York

SOFTWARE DEVELOPER

Apr 2021

- **RELEVANT BUZZ-WORDS:** PostgreSQL, Angular, Node, Express
- Designed, architected, and developed a full-stack web application that allows for scouts to seamlessly record and store scouting report data.

Education and Awards

New York University, Tandon School of Engineering

Brooklyn, NY

B.S. IN MECHANICAL ENGINEERING | DEAN'S LIST

- NYU London Study Abroad. Society for the Advancement of Material Processes and Engineering, Trio Scholar Program, ASME (NYU Chapter)