


# Gregory Lang

 (518) 703-5059

 [greg@greglang.me](mailto:greg@greglang.me)

 <https://greglang.me>

## Education

**Clarkson University** 3.78/4.00 GPA *Earned Presidential Scholar or Dean's List all semesters*

**Bachelor of Science in Computer Science** (major), Physics, Mathematics (minors) *Class of 2017*

## Experience

**Biageo LLC, Founder**

Jan 2025 – Present

- Matchmaking, crowdfunding, and networking platform for student entrepreneurs to connect with university alumni to build projects; advised by two SCORE mentors through Small Business Administration
- Member of StartupADK entrepreneurship cohort; expanded skills in startup topics like marketing, finance, networking, legal, etc.
- Tech: Nuxt.js, Vue, TypeScript, Zod, Drizzle ORM, Heroku, PostgreSQL, Tailwind

**Emissary, Senior Software Engineer**

Jan 2022 – Nov 2024

- Feature development: Salesforce component development, SAML/SSO, onboarding flow, call scheduling, team management, PDF ingestion, email templates
- Led Engineering efforts on natural language processing project, including multiple internal presentations to technical and non-technical audiences and designing initial workflow to process and train a custom model
- Developed internal engineering tools, including Slack bot integration, GitHub actions, API security auditing, and Sentry integration
- Tech: React, Python, Flask, Google Cloud Platform (GCP), MySQL, REST, Elasticsearch, CircleCI, Sentry, Docker, E2E

**Intelligent Automation, Research Engineer III**

Aug 2019 – Aug 2021

- Built an application which utilizes natural language processing on various text-based sources to detect threats of interest (e.g. kidnappings, insider threats) and determine related documents to organize threat information
- Developed post-exploitation forensics tool that parses Linux log files into machine learning vectors, builds activity graph and performs graph-based optimization, and trains a convolution neural net using Python and TensorFlow; tool is being evaluated on a US Navy vessel
- Identified opportunity to hook into existing chat plugin to simplify development of information-exchange apps
- Tech: Python, Tensorflow, Linux, GraphQL, Apache Kafka, Apache NiFi

**CACI International, Software Developer T1**

Mar 2018 – Aug 2019

**Lockheed Martin Corporation, Software Engineer Asc**

July 2017 – Jan 2018

**CACI International, Software Development Co-op**

Jan 2016 – Nov 2016

## Projects

**Vision Zero Reporting** – Full-stack natural language processing application to detect editorial anti-patterns in car crash articles. Panelist at Vision Zero Cities 2022 international conference; 3rd place on Hacker News “Show HN”.

(<https://VisionZeroReporting.com>); Nuxt.js, Vue, Heroku, AWS S3, Python, spaCy, NER, Docker, SSE

**Trash Panda** – Browser extension that removes social metrics across the web, including like counts, number of subscribers, views, followers, etc. (<https://TrashPandaExtension.com>); JavaScript, Webpack, Webextension

**Crypto App** – Proof-of-concept secure chat app using one-time pad encryption, near-field communication key exchange, and sensor-enhanced entropy source; C# Xamarin app

**WC3MapTranslator** – Hobby project for WarCraft III gaming community, providing TypeScript library for converting between native and JSON data formats for game files; ~100 GitHub stars, ~40 PRs, ~40 issues