Michael Li

✉ Michael.Li.Web@gmail.com • in • ⚙ itslinotlie • itslinotlie.github.io

Skills

Languages | Java, C++, Python, HTML, CSS, JS
Technologies | Git, LaTeX, Adobe Platforms

Experience

Full-Stack Developer Intern > *BenchMarked Studios*   Jun 2020 — Aug 2020
→ Created a PDF template for invoice creations with the Django framework using HTML/CSS
→ Automated the sendings of custom made HTML emails using Auth0 and the SendGrid API
→ Developed endpoints to support and serialize various CRUD operations
Technologies used: Python, Django REST, Git, HTML, CSS, React

Projects

Digit Recognizer > *github.com/itslinotlie/digit-recognizer*
A handmade ANN model capable of recognizing mouse-drawn digits with 97% accuracy
→ Developed the model from scratch after learning and eventually deriving the feedforward and backpropagation methods
→ Trained the model with stochastic gradient descent using the mean squared error function
→ Created a GUI using Java's Swing library to visualize the MNIST dataset and verify the accuracy of the model
Technologies used: Java, Git, LaTeX, Markdown

Sigma > *github.com/itslinotlie/google-app-scripts* OR *Google's Workspace's Marketplace*
A published Google-Marketplace add-on connecting Google applications to automate tedious tasks
→ Created a Spreadsheet Script to assist test creations from Sheets to Forms
→ Supports all of Form's question formats as well as an easy to use interface to customize Forms
→ Thorough documentation regarding how to use the add-on and FAQs
Technologies used: Google Services and Tools, Google Apps Script, Git

Contests & Achievements

Canadian Computing Competition
→ 2021 Senior: 54/75 | 2020 Senior: 23/75 | 2019 Junior: 60/75
Google Kickstart 2020 (~10k participants each)
→ Round D: placed 4255 | Round E: placed 1881 | Round H: placed 1198
Self-employed Stock Investor
→ ROI of 130% since 2020 investing in the Uranium sector

Education

University of Waterloo > *Bachelors of Computer Science*   Sept 2021 - Apr 2026
→ Currently taking the advanced Math 145/147 and CS 145 courses
Bur Oak Secondary School > *Graduate*   Sept 2017 - Jun 2021
→ Finished Grade 12 with a 96.0% average (99% Calculus, 98% Computer Science, 97% Adv Fun.)
→ Clubs and Activities: Rock Climbing Captain, Ultimate Frisbee Member, Instrumental Band