

Colin Brooks

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Github: <https://github.com/Dangest>

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Project Portfolio: <https://dangest.github.io/portfolio-reactjs/>

SUMMARY

Full-stack web developer, Python programmer, and artificial intelligence enthusiast. Earned a certificate in Full-Stack Web Development from the Georgia Institute of Technology. Self-starter and intellectually curious with the ability to think analytically, critically, and creatively to solve problems under deadlines.

TECHNICAL SKILLS

Full-Stack Web Development (MERN Stack)

HTML5, CSS, JavaScript, jQuery, React.js, Express.js, Node.js, Bootstrap, Handlebars, MongoDB/Mongoose, MySQL, Apollo, Progressive Web Apps, Agile Methodology, Command Line, RESTful APIs, MVC, Visual Studio Code, Git

Python Development (Data Science, & Deep Learning)

Django, Pandas, NumPy, Matplotlib, BeautifulSoup4, fastai, OpenAI Gym, Stable-Baselines3, Jupyter Notebook

PROJECTS

Deep Learning: Lunar Lander

GitHub: <https://github.com/Dangest/Reinforcement-Learning-Lunar-Lander>

Summary: Demonstrate the use of deep reinforcement learning to teach an AI agent how to play a simple game.

Role: Sole author.

Tools: Python, OpenAI Gym, Stable-Baselines3, TensorBoard

NoSQL Social Network API

GitHub: <https://github.com/Dangest/18-NoSQL-Social-Network-API>

Walkthru Video: <https://drive.google.com/file/d/1ggjALU9Jh3z7ExCO09ojRwfFjxUpXPQo/view>

Summary: Creation and management of a social network API to demonstrate GET, POST, PUT, and DELETE routes.

Role: Sole author.

Tools: NoSQL, GET/POST/PUT/DELETE Routes, Mongoose, Insomnia, Javascript

SQL Employee Tracker

GitHub: <https://github.com/Dangest/12-SQL-Employee-Tracker>

Walkthru Video: https://drive.google.com/file/d/1z4OZxAFWI7_4YayKQtLMdf2Hes2K0ydV/view

Summary: Creation and management of a SQL database via a command-line application.

Tools: MySQL, Node.js, Inquirer, Command Line, Javascript

Server Side API - Weather Dashboard

GitHub: <https://github.com/Dangest/06-Server-Side-APIs-Weather-Dashboard>

Deployed Application: <https://dangest.github.io/06-Server-Side-APIs-Weather-Dashboard/>

Summary: Interfacing with the openweathermap.org API to extract and dynamically display weather forecast information on the deployed application page.

Tools: Server-Side API & API Key, Javascript, HTML, CSS

EXPERIENCE

Fortuna Mining, LLC

July 2021 - Present

Director of Finance & Managing Member

- Fulfill contract-based web development projects using the Python Django framework.
- Develop & manage the banking relationships, finances, accounting, and bookkeeping for a small cryptocurrency mining/cloud-computing technology company.
- Complete financial research and analysis to provide strategic feedback on business operations.
- Forecast the company's monthly and quarterly financial position based on historical trends and business projections using Excel.

LMCU of Florida

June 2018 - Present

Commercial Credit Analyst

- Underwrite Investment Real Estate, Land Development, and C&I commercial loan packages averaging over \$2 million or more using consolidated financial reports for the weekly Florida Commercial Loan Committee.
- Prepare and analyze spreads, cash flow, and other internal financial documents using business & individual tax returns, credit reports, and financial statements.
- Manage the commercial and residential appraisal & review process, including the bidding of assignments, the management of current and new appraisal relationships, and the approval of invoice payments.
- Perform ongoing maintenance, review, and covenant testing of the \$460 million commercial loan portfolio.

Newstraders, Inc.

September 2016 – May 2018

Financial Analyst

- Recorded ongoing stock-specific news into a database to identify current and future day-trading opportunities.
- Maintained and developed numerous quantitative trading models and strategies using proprietary methodologies.
- Successfully managed portfolio market-neutrality and daily trading, including the purchase/sale of market indices and the entry/exit of intraday & overnight positions.

EDUCATION

Georgia Institute of Technology

February 2022 - August 2022

Full-Stack Web Development Certificate

- A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node.js, MySQL, MongoDB, Express, Handelbars.js, and ReactJS.

Florida Gulf Coast University

June 2010 – December 2015

Bachelor of Science (BS), Finance