

Austin Scobee

Software Engineer

SUMMARY

Versatile, naturally curious engineer with three years of professional experience. Optimized data entry efforts to reduce inefficiencies and streamline product delivery. Utilizing my chemical and electrical engineering background provides perspective as I develop solutions in Python and C++.

PROJECTS (austinscobee.com)

- **Cryptobot (Python)** Built a cryptocurrency trading bot equipped with market predictions using machine learning
- **ImageAI (Python)** Developed image recognition models that predict different objects in the images you upload
- **Password Checker (Python)** Created a way to securely check passwords that may have been exposed in a data breach
- **Web Scraping (Python)** Get a list of the top stories from the first two pages on Hacker News
- **Orderly (HTML, CSS, JavaScript)** Website built for a fictional premium food delivery service, similar to Uber Eats
- **Backend REST API (Python)** Fully functioning REST API built using the Django REST framework

EXPERIENCE

BranchPattern

Electrical Engineer · Denver, CO · May 2016 – October 2019

- Led the electrical design for a \$6 MM, 3-year renovation of a historic K-12 school
- Collaborated with a team of 5 electrical engineers to design the lighting and power systems for a \$20 MM, 2-year project
- Launched a multi-year effort to reduce the engineering department's dependence on Excel by automating schedules directly in Revit, improving efficiency by 80%
- Reviewed and interpreted engineering drawings and specifications, completing QA/QC and recommending solutions
- Followed Lean methodology to complete projects under tight deadlines, effectively communicating project issues to mitigate delays

University of Kansas - School of Engineering

Research Associate, BioIntel Unit · Lawrence, KS · August 2015 – December 2015

- Biomedical Postdoctoral research. Project focused on stem cells and elastomeric biomaterials for use in regenerative tissue engineering and biomedical applications

Wood Group Mustang

Engineering Intern · Houston, TX · May 2014 – August 2014

- Wrote comprehensive technical summaries of over 20 different chemical, refinery, and petrochemical topics

SKILLS

Languages

Python (Django)
Java
C++
SQL
JavaScript
HTML
CSS
PHP

Tools

Git
CLI
Docker
JIRA / Confluence

Techniques

Agile Methodologies
Pair Programming
Responsive Design
Technical Writing

EDUCATION

University of Kansas

B.S., Chemical Engineering

December 2015