Richard Le

Richardle17business@gmail.com
github.com/richardle17
linkedin.com/in/richard-le17

Education ────────────────────────────

San Jose State University | Class of 2020
Bachelor of Science in Computer Engineering

Experience ───────────────────────────

Symantec – Software Developer Intern
May 2019 – Nov 2019

Python, CloudWatch, Lambda, S3, SES
- Worked with 2 interns and project manager to build an automated backend infrastructure by using several AWS services (CloudWatch, Lambda, S3, SES, SQS).
- Contributed to the base design, deployment, and testing of project.
- Designed core infrastructure for new scripts to be added for extensibility and flexibility.
- Created YAML configurations to allow for continuous integration and delivery.
- Developed a multi-process pipeline that reduced data retrieval time by 400%.

Projects ─────────────────────────────

Software Development Portfolio
richardle17.github.io

HTML, JavaScript
- For more information about me or my other projects, check out my online portfolio.

Covid-19 Slack Bot
git.io/JUf4n

Python, Slack API, Big Data
- Slack bot designed to get data from Worldometers / JHU for accurate COVID-19 stats.

Covid-19 Data Trackers & Data Visualizers
git.io/JUf4C

Python, Dash Plotly, Pyecharts
- Utilized COVID-19 datasets to create data visualization maps and graphs.

TCG Web Scraper
git.io/JJArA

Python, Automation, Selenium WebDriver
- Developed scripts that automate scraping of market prices for hundreds of webpages.
- Designed scalable, intuitive data structures that aggregate data.

Air Quality Slack Bot
git.io/JUf4l

Python, Slack API, Breezometer API, Twilio API
- Slack bot to get air quality index from Breezometer API. Posts updates to slack channels
- Twilio SMS notifications integrated if AQI exceeds a particular threshold.

Cryptocurrency Tracker Slack Bot
git.io/JUf48

Python, Slack API, CoinMarketCap API
- Slack bot to track cryptocurrency prices and posts them to configured slack channels.

Skills ───────────────────────────────

Languages: Python (Proficient), C (Experienced), Java (Experienced)
Technologies: Amazon Web Services (AWS), CloudWatch, Lambda, S3, SES, SQS, SNS, Git, HTML
Coursework: Data Structures & Algorithms, Object Oriented Programming, Quality Assurance Software Engineering, Operating Systems
Key Interests: **Python, Automation, Scripting, Data parsing, Big Data, AWS**