

# Rey Okvianto

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## EXPERIENCE

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### Software Engineer Co-Op Chick-fil-A, Inc.

August 2022 - December 2022, Atlanta, GA

- Successfully developed and deployed a custom Apache Airflow Operator that utilizes Automated Machine Learning (AutoML) to automate the generation of baseline models for the Enterprise Analytics Scientists.
- Decreased model training time by 65%, saving Data Scientists 12+ hours of labor and improved baseline accuracy by 17%.
- Facilitated design reviews and collaborated with Databricks Specialists to ensure low costs and efficient performance.
- Led a team of 4 engineers that designed and implemented a Slack Chatbot to streamline communication that currently serves 300+ engineers in production using Python, API Gateway, and AWS Lambda.

### Software Engineer Intern JPMorgan Chase & Co.

June 2022 - August 2022, Houston, TX

- Pioneered a client-grouping full-stack web application entered around Investment Banking Transactions.
- Programmed with Spring Boot Java, ReactJS, Node.js, express.js, and DynamoDB while maintaining above 90% test coverage.
- Conducted weekly design reviews and communicated with stakeholders in order to translate business requirements into a detailed technical proposal.

### Software Engineer Co-Op Chick-fil-A, Inc.

January 2022 - May 2022, Remote, USA

- Developed Python scripts that monitored data quality on production-deployed Data Lake tables to limit downstream failures.
- Produced an automated Windows EC2 patching solution that decreased manual labor by 70% using Python and various AWS tools such as S3, EC2, Lambda, EventBridge, Systems Manager, and CloudWatch.
- Created and taught a hands-on API workshop for 10+ new-hire Co-Ops teaching various concepts.

### Software Engineer Co-Op Chick-fil-A, Inc.

June 2021 - August 2021, Remote, USA

- Enhanced an automated invoice routing system by writing production-ready Python code and integrated NLP tools such as AWS Textract and Comprehend that decreased manual labor time by nearly 98%.
  - Improved invoice matching algorithm accuracy by over 75% by adding regex data filtering methods and Python open-source string manipulation libraries.
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## PROJECTS

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### Foody.

Personal Project · August 2022 - Present

- Developing an IOS app using Swift that combines the ability to store personalized adaptations to recipes and food images/metadata.

### PartyVizion

HowdyHack · September 2021 - September 2021

- Awarded 3rd place Grand Prize for developing a portable device that utilizes OpenCV to play genres of music based on the number of humans detected in a given space.
  - Wrote clean and reusable Python code and integrated Raspberry Pi circuit logic and gained exposure to multithreading.
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## EDUCATION

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### Bachelor of Science in Computer Engineering

Minor in Mathematics, Cybersecurity · Texas A&M University · College Station, TX · 2023 · 3.66

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## SKILLS

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**Languages:** Python, JavaScript, Java C++, HTML, CSS, Verilog HDL

**Technologies:** Amazon Web Services, Databricks, Postman, Spring Boot, React.js, Node.js, Express.js, MongoDB, PostgreSQL

**Other:** OpenCV, Power Apps, GitHub, Jenkins, GitHub Actions (CI/CD), Heroku, Jira, Agile Methodology