

Rey Okvianto

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— EDUCATION

Texas A&M University - College Station, Texas

Expected: May, 2023

B.S. in Computer Engineering, Minor in Mathematics

GPA: 3.65/4.00

Relevant Coursework: Computer Architecture, Data Structures & Algorithms, Discrete Structures in Computing, Intro to Operating Systems, Microcomputer Systems, Programming Studio, Database Systems*, Senior Capstone Design* (*In Progress)

Honors/Awards: Dean's Honor Award (Fall 19', 20', & Spring 20'), HowdyHack 2021 (3rd Place Grand Prize)

Scholarships: Pipeliners Association of Houston (2019 - 2021)

— PROFESSIONAL EXPERIENCE

Chick-fil-A, Inc., Atlanta, Georgia

June 2021 – Aug 2021

Software Engineer, DTT Co-Op - 1st Rotation

- Developed an automated invoice routing system for the Financial Services Department using Python and AWS
- Improved routing efficiency by roughly 98% by incorporating Machine Learning and NLP tools
- Optimized search algorithm that matched key information against 2,600 restaurants via Pandas and string manipulation
- Collaborated daily in an Agile team and addressed issues found during manual and automated testing deployed by GitHub Actions

— PROJECTS

PartyVizion

Sept 2021

HowdyHack 2021 – 3rd Place Grand Prize Winner

- Designed a portable device that plays genres of music based on the number of humans detected in the room
- Integrated mp3 files from external sources and designed the audio transmitting algorithm using Python
- Developed using a Raspberry Pi 4B model and OpenCV and gained exposure to multithreading

Health360

Apr 2021 – May 2021

Project Manager/Scrum Master – Programming Studio Course

- Created a web application allowing users to find workouts/meals to cook and access health related articles
- Organized and led an Agile team in Scrum, Sprint Retrospective, & Backlog Refinement meetings
- Utilized and integrated 3 external APIs and helped design website's interface/functionality

Yelp Camp

July 2020 – Jan 2021

Independent Project – Web Developer Bootcamp (Udemy.com)

- Developed a full-stack web application allowing users to create and view reviews for campgrounds
- Implemented Login Authorization, Commenting/Posting, and Data Persistence via RESTful Routing
- Deployed by goormIDE/Cloud9 using HTML, CSS, JavaScript, Node.js, Express.js, and MongoDB

— LEADERSHIP & AFFILIATIONS

Brothers in Engineering, Science, & Technology (BEST)

Jan 2019 – Present

Recruitment Head, Texas A&M University

- Increased organization's presence by through hosting informationals and posting banners and emails throughout campus
- Organized and oversaw recruitment events that hosted between 50-60 potential new members
- Established strong communication and decision-making skills through the conducting of interviews and relationship building

Other Affiliations: Worship Leader, Young Life, IEEE, Google Developers Student Club – TAMU, TAMUHACK

— SKILLS & INTERESTS

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

Technologies: Amazon Web Services, Bootstrap, React.js, jQuery, Node.js, Express.js, MongoDB, PostgreSQL, SQL, OpenCV

Other: Jira, GitHub, GitHub Actions (CI/CD), Heroku, Agile Methodology

Interests: Cooking/Food, Travel, Music, Web/Mobile App Development