

# Rey Okvianto

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## — EDUCATION

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**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')  
**Scholarships:** Pipeliners Association of Houston (2019 - 2021)

## — PROFESSIONAL EXPERIENCE

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**Chick-fil-A, Inc.**, Atlanta, Georgia June 2021 – Aug 2021  
*Software Engineer, DTT Co-Op - 1<sup>st</sup> 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

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**Yelp Camp** July 2020 – Present  
*Independent Project – Web Developer Bootcamp (Udemy.com)*

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

**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

**RGB Color Matching** July 2020 – Aug 2020  
*Independent Project*

- Constructed a web application to help familiarize RGB color codes with specific gradients/shades of a color
- Applied DOM manipulation ideology and gained exposure to various libraries and methods of JavaScript implementation
- Designed using HTML, SCSS, jQuery, JavaScript, and Bootstrap 4 framework

## — LEADERSHIP & AFFILIATIONS

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**Brothers in Engineering, Science, & Technology (BEST)** Jan 2019 – Present  
*Recruitment Head, Texas A&M University*

- Increased organization's presence by ~75% 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

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**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  
**Other:** Jira, GitHub, GitHub Actions (CI/CD), Heroku, Agile Methodology  
**Interests:** Cooking/Food, Travel, Music, Web/Mobile App Development