

Muchamad Yuda Tri Ananda

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EDUCATION

AVERAGE US UNIVERSITY

Bachelor of Science in Computer Science, <month> 2028

GPA: 3.81

EXPERIENCE

Software Engineer Intern | <aamiin>:

Jun 2019 – Aug 2019

- Modernized an existing internal system feature used by Capital One Bank Tellers, including a redesign of the UI
- Added persistent sorting, saving users several minutes each time they update data
- Developed modularized Angular components, which allowed for easy unit testing
- Prototyped a solution for migrating data to the cloud, including automating the creation and data storing of an AWS DynamoDB database

PROJECTS

Math Equation Solver / Desktop App <Senior Design Project>

- Used Electron to develop a desktop math equation solver
- Leveraged AWS Amplify and Cognito to implement secure authentication and sign up
- Unit test coverage of over 70% (React testing library)
- Handed off well-documented and easily modifiable code to client

Allymotion Health Management App (Kotlin, Firebase, Tensorflow)

- Developed the App using Kotlin in Android Studio, integrating Firebase for secure user authentication.
- Implemented a Convolutional Neural Network (CNN) for pose detection using tensorflow, enhancing exercise engagement through gamification.
- Designed and implemented a visually appealing landing page using React to enhance user experience and engagement.

Technologies and Languages

- Java, C, JavaScript, Python, SQL, HTML, CSS
- Git, AWS, GCP, React, Angular, PostgreSQL, Docker, Unix