

# VYAS CHITTI

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## EDUCATION

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### TEXAS A&M UNIVERSITY

*Bachelor of Engineering: Major in Computer Engineering; Minor in Mathematics*

College Station, TX  
Aug 2018 – May 2022

- **Relevant Courses:** Data Structures and Algorithms in C++, Databases, Operating Systems, System Design, Cloud Computing, Artificial Intelligence, Machine Learning, Linear Algebra, Programming Studio, Hackathons

## TECHNICAL SKILLS

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- **Languages:** Python, JavaScript, SQL, Java, C++
- **Framework:** JSP
- **Web Technologies:** HTML5, CSS3, Bootstrap, jQuery, ReactJS, Redux, Node.js
- **Databases:** MySQL, PostgreSQL, CRUD
- **Software & Tools:** SDLC, Agile, Linux, Git, GitHub, Docker, RESTful API, JIRA, Microsoft Excel, Figma, Mural

## CERTIFICATION

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- AWS Certified Cloud Practitioner Jan 2021

## WORK EXPERIENCE

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### SAP

#### Full Stack Intern

Palo Alto, CA  
May 2021 – Current

- Liaised with 10+ professionals to develop the back-end logic in Java to implement the Central Access Management to manage user access in heterogeneous environments securely
- Designed and implemented 50+ test cases for the IAG system on Privileged Access Management, HR Triggers and Master Data
- Verified Identity Access Governance systems using Code Mutation Testing

### UHNDER

#### Software Engineering Intern

Austin, TX  
Jun 2019 – Aug 2019

- Automated calibration testing and JTAG testing in Python increasing data collection efficiency by 50%
- Implemented geocoding – transforming physical address to a location on Earth's surface in Python using Geopy library

### TEXAS A&M

#### Research Intern

College Station, TX  
Feb 2019 – May 2019

- Researched and documented over 30+ comprehensive papers related to quantum computing and Theory of Permanents under the supervision of Dr. Kocharovsky
- Reduced computation time from 3-4 hours to 5-10 minutes by automating computation of permanent of matrix using Python and linear algebra

### KIDZTOPRO

#### UX Design Intern

Fremont, CA  
May 2017 – Jul 2017

- Collaborated with UX designers to ideate, produce, and present project deliverables such as user flows and wireframes to demonstrate new features, dialogs, and other visual elements

## ACADEMIC PROJECTS

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### Chess Web Application (JSP, Java, PostgreSQL, MySQL)

- Programmed a full-stack chess web application using Java and real time database CRUD functionality
- Developed app integration with RESTful APIs to enable chess notation for players

### Chi Psi Beta Website Inc. (Tailwind CSS, React.js)

- Increased daily traffic by 45% through redesigning the existing website using Tailwind CSS and React.js to improve user experience and incorporated SEO techniques

### Photography Web Application (bootstrap, CSS, and jQuery)

- Developed and launched personal photography webpage, using bootstrap, CSS, and jQuery, which acquired a successful reach of over 25 customers within the first week

### Web Scraper in Python

- Created web scraping program in Python to help compute real-time cost depreciation of cars on market. Achieved an average cost saving of \$5500 per unit