

Arturo Villalobos Jr

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SKILLS AND CERTIFICATIONS

- C++, Java, Python 3+, R, Javascript, HTML, CSS, React.js, Node.js, Express, SQL, AWS, Machine Learning
 - Platforms and Tools: Git Version Control, VScode, Xcode, Adobe Illustrator, Unreal Engine 4, Blender
 - AWS Certified Cloud Practitioner Certification | Issued June 2020- Expires June 2023
 - Languages: English-Native, Spanish-Native, Portuguese-Beginner
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WORK EXPERIENCE

Web Developer, Blyss Dating (Remote)

Mar 2023 - Present

- Develop and deploy a highly scalable and maintainable business website using React/Next.js, Tailwind CSS and AWS.
- Integrate a headless content management system (CMS) for Blyss news room and blog capabilities with GraphQL, giving other team members the ability to add content.
- Ensure that the website was viewable and performant on different mobile devices and browsers.

Software Developer, Classic Canvas Company, San Antonio, TX.

Feb 2023 - June 2023

- Develop internal automation tools and web interface using React, Python, and AWS to increased social media presence and activity without allocating more resources to marketing.
- Create and maintain SOPs detailing tools that were used, specific system design decisions, and other information.

Cloud Solutions Architect Internship, University Lands, Houston, TX

May 2020 - Aug 2020

- Developed and deployed serverless lambda functions in python on the AWS cloud that automates the extraction of data from Drilling and Completion reports coming from oil wells in the Permian Basin.
- Built architecture used by chemical and mechanical engineers to build type curves and facilitate cost analysis of current wells

Peer Teacher, Texas A&M College of Engineering, College Station, TX.

Aug 2020 - Dec 2021

- Tutored undergraduate and graduate students enrolled in Computer Science and Engineering courses in both remote and in-person.
 - Taught the following courses: Data Structures and Algorithms, Introduction to Computing, Computer Organizations, Discrete Mathematics, and Linear Algebra under professor supervision
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EDUCATION

Texas A&M University

Bachelor of Arts Computer Science
Minor in Statistics

College Station, TX

Graduated Dec 2022

PROJECTS

Juego - Lead Developer - React Web App

Nov - Dec 2021

- Led a team of developers to launch a social network platform that connected users with similar interests with respect to video games and other media using a PostgreSQL database, React framework, and Node.JS backend.
- Using an agile development methodology I set targets, tracked progress, and delivered our working product.

Olympic Index - Co-Developer - Design Project

Sep - Dec 2021

- Developed a responsive, design focused, data visualization project with React.js, D3.js, and Python to explore historical olympic data with a variety of charts, each highlighting different aspects of the data to reveal underlying and interesting patterns.

Market Dash - Co-Developer - Video Game

Mar - Apr 2020

- Developed a game in C++ inside Unreal Engine 4 incorporating concepts and ideas like object oriented design, graphic design, planning, and testing.