Charles Villalpando

Los Angeles, CA | charlesvill26@gmail.com

Software Development Experience

The Odin Project - Full Stack Javascript - Remote   October 2022 - Present

Full Stack Software Development - React & Node.js Path

- Admin Dashboard - Aesthetic and functional layout demonstrating foundations in CSS grid, flexbox, and HTML
- Battleship & Chess game - Modern design patterns, advanced programming of algorithms and data structures
- Video Game Commerce site - Clean, Modular, and performant React UI that syncs with APIs
- Inventory management platform - Full-stack app implementing advanced SQL queries with templating engines
- Virtual Bulletin Board app - Full-stack server-side user management and authentication with NodeJS and SQL
- Mock Google Drive - Postgres for user and file metadata, CRUD functions through Cloudinary storage integration
- Blog Full Stack App - Dynamic React client-side routing syncing with Restful API for blog CRUD functions
- Event Centered Social Media Full Stack App(in progress) - High volume concurrent users demonstrating scalability of API architecture

CS50x Harvard University - Remote   February 2023 - Present

Full Stack development - C , Python , SQL & Flask

- Tideman - Determines a winner for a ranked choice style election in C by finding edge nodes in matrices
- Wordle - Implementation of the classic game in C, demonstrating manual memory allocation and search algorithms
- Spell Checker - Searching and sorting large data sets using a hashing algorithm to optimize runtime, written in C
- Data Structures - Proficient with memory management and implementation of Binary Search, Linked Lists, Hash Functions
- Finance Trading - Full-stack Python using Django and Flask for CRUD functions with SQL and templating engine

Degrees & Credentials

Loyola Marymount University - Los Angeles, CA   August 2018- June 2019

Multiple Subject Special Education Teaching Credential   GPA: 4.0

University of California, Los Angeles (UCLA) - Los Angeles, CA   September 2016 - June 2018

Bachelor of Arts in Philosophy w/ Cum Laude & Departmental Honors   GPA: 3.72

Extracurriculars: Bruins Ambassador Program

Professional Experience

Special Education Case Manager - Total Education Systems   December 2024 - Present

- Review, Plan, and Develop IEPs for over 95 students across 8 campuses in the LA region
- Consultation on best practices, meeting with school leaders and delivering professional development to staff
- Prioritized high-impact tasks and streamlined processes for efficiency in meeting a high volume of cases

Special Education Teacher - Alliance Jack H. Skirball Middle School   August 2020 - June 2023

- Supported and advocated for a diverse caseload of 23 students across 6 different classes, ensuring their educational needs were met and challenges were addressed effectively.
- Efficiently organized, planned, and facilitated Individualized Education Plan (IEP) meetings, empowering constructive dialogue among families, students, and other partners to develop tailored educational plans.
- Collaborated closely with Math, English, and Reading Literacy teachers to co-teach, fostering an inclusive learning environment that facilitated comprehensive student development.
- Fostered passion for creating and building analytical skills, starting and leading an after-school coding club

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Special Education Teacher - Charles Drew Middle School   August 2018 - June 2020

- Guided a diverse caseload of 28 students through specialized curriculum, tailoring instruction to individual needs and abilities.
- Managed and advocated for equitable application of funds as secretary of the School Site Council.
- Applied intentional pedagogical strategies to maximize student performance and development.
- Outreach and advocacy to orgs such as LA Metro and Discovery Science Center to sponsor field trips

Soft skills

- **Adaptable:** demonstrate flexibility in adapting to evolving curricula and rapidly changing tools in technology
- **Clear Communicator:** proficient in presenting professional development sessions and advocating effectively, conveying ideas concisely and constructively.
- **Team Player:** skilled in compromise and negotiation, fostering collaborative teamwork among peers.
- **Attention to Detail:** exhibits awareness of students' varying ability levels and employs a culturally responsive approach to my work.
- **Reflective:** value feedback as a catalyst for personal development and growth, and actively seek opportunities to improve
- **Dedicated:** embrace the challenge of learning programming beyond the role of a teacher, demonstrating a commitment to self-improvement.
- **Resourceful:** successfully combine available tools and resources to excel in teaching and programming.
- **Quick Learner:** leverage motivation to learn and dedication to fast-track effective applications of new tools and skills

Hobbies & Interests:

I am passionate about building and creating. From building computers to coding my ideal Arch Linux desktop environment, I have a strong foundation in turning ideas into reality. When not building something, you'll find me outside spending time with the people I love or wrenching on an old nitro RC car.