

Kristopher Gates

kdlgates@kdlgates.com, (813) 421-2341
5211 Oak Charter Ct., Tampa, FL, 33617
www.kdlgates.com ; github.com/KDLGates

EDUCATION

Bachelor of Science in Computer Science

University of South Florida
summa cum laude (GPA 3.91)

Tampa, FL
Fall 2017

SKILLS

Platforms: Personal computers, mobile apps, server developer, phones, tablets
Operating Systems: Windows (domain networking / Active Directory), Linux, Android, cloud / SaaS / PaaS
Languages: Web (HTML/CSS/JS frameworks), JavaScript, Python, Java, C / C++, UML & API Design
Libraries/Tools: MERN Stack, React, Node.js, Docker / Conda, VMWare, IDEs (Visual Studio | Code), MongoDB, Electron, Flutter, Microsoft SQL Server, PostgreSQL, Oracle, Postman, SQLite
Other: 5 years of business-to-business support experience and customer relationship management

WORK EXPERIENCE

Progressive Web App Developer, Maya AI (Aza Project)

July 2023 - Present

- Using the MERN stack, designing Front-end UI features (pages, page logic, etc.) in React + Redux and integrating them into a Node server with Express routing. Working with React modules to interface with a camera and designing API endpoints, while also working with a designer to match up challenging Figma designs and essentially continuing on my path as a full-stack Node app developer.

Adjunct Instructor in Java Programming, SCF Coding Academy

May 2023 - Present

- Assisting with and sometimes leading remote lessons of a small class of 6 via Zoom on Java education and preparation for the Oracle Java Certified Associate Java SE 8 Programmer exam. Delivering lectures, developing class materials, leading in group study / exam prep sessions, and providing a few live coding challenges. Helping students prepare for a surprisingly tricky exam and setting them up for success.

Software Developer Intern, Tenex Software Solutions

June 2017 – August 2017

- As a summer intern, made positive contributions to an ASP.NET web forms application and also used the new (at the time) Amazon Connect telephony service to create a customized softphone interface which populated the application with known caller information from a database. As well as front-end JavaScript and C# logic, extended the data views and structures in PostgreSQL to support the new features on AWS hosting.

RELEVANT PROJECTS

Neural Networks at USF Biorobotics Lab

November 2016 – Fall 2017

- Learned some fundamental principles of neural networks by developing a membrane potential function for simulating neurons in a custom language (Neural Simulation Language) to model biologically inspired behavior. Modelled a Hopfield Network for a basic Optical Character Recognition task (memorizing and recalling letters). Worked as part of a team with a graduate mentor for program credit to help guide me as a beginner in the field.

Statistical Tracking and Planning

January 2010 - October 2012

- Created monthly reports and visualizations as a part of my help desk employment, tracking the history of laptop replacements for a Fortune 500 company, also used in forecasting to maintain a support contract.

Expense Report Development (Java based)

April - June 2011

- Participated on a client driven project which developed and deployed an additional module to facilitate the expense reports and approvals of 1,100 salespeople and their managers.