

Kristopher Gates

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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

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.

WORK EXPERIENCE

IT Home and Small Business Support, Cheeper Geek

December 2017 - Present

- Under my sole proprietorship (a Schedule C / 1099 business) provided on-call home and small business IT services for a broad range of problem fixes, installations and setup of computer systems.

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.

IT Help Desk, CGS Inc.

November 2007 - October 2012

- Provided technical support and low-level Active Directory admin for a single client Fortune 500 company, who contracted dedicated staff on a multi-year “time and materials” basis to prove consistently valuable.
- Updated a sales database for that company and played a role in keeping a sales force efficiently informed.
- Involved in interviewing, hiring and training, quality assurance, researching/documenting solutions, authoring and updating knowledge resources to remain informed and swiftly responsive to challenges.