DAVID ARIDA

CHANGING THE WORLD, ONE PROGRAM AT A TIME
http://davidarida.com | darida3@gatech.edu | 848.702.4434

EDUCATION

GEORGIA TECH
BS in Computer Science
Aug 2015 - May 2018
Atlanta, GA
Concentrations: People, Systems & Architecture
College of Computing
Dean's List (All Semesters)
Honors Program
GPA: 3.96 / 4.0

LINKS

GitHub: **davidarida7**
LinkedIn: **david-arida**
Facebook: **davidarida7**
Twitter: **@dee_arida**
Instagram: **davidarida**

CONCEPTS

Relational & Graph Databases
High Performance Computer Arch.
Cognitive Science
Computing & Society
Operating Systems
Processor Design
Mobile & Ubiquitous Computing
Systems & Networks
UI Design
Computer Organization
Basic Analysis
Algorithmic Strategies
Graphs and Trees
Software Design
Fundamental Data Structures
Fundamental Programming Concepts
Procedural Content for Games

SKILLS

OPERATING SYSTEMS
Windows • OS X • Linux •
iOS • Android OS
PROGRAMMING LANGUAGES
Java • Python • C • C++ • C# •
LC-3 and LC-2200 Assembly • Bash •
Groovy • Swift • PHP •
Html/CSS/Javascript • LaTeX • Verilog
VM
VirtualBox • VMWare ESX •
Microsoft Hyper-V
IDE
IntelliJ • Eclipse • Visual Studio
OTHER TECHNICAL SKILLS
Git • Gradle • SQL • AngularJS •
React • Redux • Flux • MobX •
Neo4j • ASP.NET • IBM Watson APIs
LANGUAGES
English - fluent • Arabic - fluent •
Spanish • Coptic

EXPERIENCE

GOLDMAN SACHS
Vice President/Full Stack Developer | Jan 2024 - | Jersey City, NJ
Associate/Full Stack Developer | Jan 2022 - Dec 2023 | Jersey City, NJ
Analyst/Full Stack Developer | Jul 2018 – Dec 2021 | Jersey City, NJ
- Analyzed, optimized, and built complex high performance business critical processing on the next generation client assets platform using micro services which facilitate processing traceability, stateless calculators, forecasting models and unified architecture across cash and securities.
- Collaborated with users and strategists as well as global team in evolving code quality for client assets systems and strategic functions.
- Coached new joiners and led junior developers to build the aforementioned systems.

AUTOMATIC DATA PROCESSING, INC.
Intern | Jun 2017 – Aug 2017 | Parsippany, NJ
- Wrote a Python application that makes use of APIs including the Full Contact API, the Yahoo Finance API, Edgar's API, Google Maps API, and IBM Watson's Bluemix APIs, to structure existing and external client data in a MySQL database so that associates can understand their clients before meetings.
- Developed web application to display the client data obtained from the above Python application as well as additional associate scorecards and dashboards so that associates can view their data in a more user-friendly manner and thus help clients in a more efficient manner.

GEORGIA TECH COLLEGE OF COMPUTING
Teaching Assistant for CS 2110 - Computer Organization and Programming | Aug 2016 – Dec 2017 | Atlanta, GA
- Reviewed relevant course material with 400+ students during labs and demos, and graded assignments, quizzes, and exams.
- Held weekly office hours and answered questions on the online Q&A site Piazza to aid the class of students and ensure their success.
- Collaborated with 15+ other teaching assistants to better organize the class and more efficiently teach students the subject.

SAMPLE PROJECTS

IBM PERSONALITY TEXT SUMMARY
Aug 2017 – Nov 2017 | Atlanta, GA
- Ported existing Personality Text Summary module of IBM Watson's Personality Insights service from Javascript to Python, so that developers can obtain a personality summary of text or social media profile within their Python code.

ECROP APPLICATION
Jan 2017 – Dec 2017 | Atlanta, GA
- Worked with a team of Georgia Tech students and Emory University doctors to produce an easy to use calculator in a web application for ophthalmologists in the developing world so that they can treat premature blindness, and interacted with TreeAge statistical software and learned about the calculations ophthalmologists use to simplify this existing model in our application.

ACTIVITIES

GEORGIA TECH IOS CLUB
Member | Jan 2017 – May 2017 | Atlanta, GA
- Studied and practiced key iOS development skills and constructed an application of my own to be pushed to the App Store.

GEORGIA TECH WEB DEVELOPMENT CLUB
Member | Feb 2016 – May 2016 | Atlanta, GA
- Introduced to topics such as website building fundamentals, SQL and Mongo databases, Node JS, and libraries.