Cody Hankins

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codyhankins.com

Summary of Qualifications

Stanford undergraduate interested in computer science and the interplay of hardware and software systems, developing skills in computing and information management through programming courses and independent study.

Education

Stanford University, Stanford, CA
Pursuing B.S. degree in Computer Science, specializing in HCI, expected 2019
Relevant Coursework: Computer Organization and Systems, Programming Abstractions, Programming Methodology, Intro to Machine Learning, Nanotechnology

Engineering Projects

Heart Health: a machine learning program that trains on the composition of healthy and unhealthy hearts, and can make predictions on the healthiness of a new test heart based on training data. This program can use both Naive Bayes and Logistic Regression assumptions to generate speedier/more accurate predictions.

AKN: developed the user interface for an "adaptive knowledge network", which used a graph database to diagnose problems in hardware development. It employs the d3.js package to create an interactive display, letting the user retrieve data from the Neo4j database and display it in many configurations. This code is shipped with the product.

Work Experience

International Software Development Intern, KPIT Tech, Pune, India, 6/2016 - 8/2016
I developed a GUI for a company project, writing Javascript and heavily using the d3.js package to create an interactive display for a diagnostic graph database. I was able to travel and work in an international company environment.

Freelance Web Developer, Stanford, CA, 01/2016 - present
I develop websites for independent organizations with a range of specifications, with a focus on utilizing modern frameworks and practices for a modern, clean product

Development Student Assistant, *Hoover Institution,* Stanford, CA 9/2015 - 3/2016
I managed and updated the entire Office of Development database. I also established new protocols to more efficiently manage information and add donors to the server.

Specific Skills

Java, C, C++, Python, HTML5, Javascript, d3.js, Neo4j, Trifacta data trawling

Activities

Outdoor House Common Spaces Manager, Stanford Surf Club