Nikhil Unni

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Education

B.A. in Computer Science, UC Berkeley

• Expected graduation: 2017

• GPA: 3.82

• Relevant coursework : Data Structures, Computer Architecture, Machine Learning, Systems Programming, Algorithms, Parallel Programming

Experience

Adobe, Data Engineering and Analytics Intern

Summer 2015

- Worked on data pipeline to use analysis of customer data to drive business and design decisions
- Worked on predictive modelling of user activity to present custom toolbars unique to a specific users' workflows

UIUC Cognitive Computation Group, Research Intern

Sept 2014-Feb 2015

- Built up toolset of Natural Language Processing algorithms for application developers under Prof. Dan Roth
- Worked on a Named Entity Recognition tagger

UIUC Software Engineering Group, Research Intern

Aug 2013-Feb 2015

- Implemented Regression Test Selection tools for various testing frameworks (Junit, TestNG, etc.)
- Previously worked on an Eclipse plugin to utilize Git history to enhance code completion and class completion proposals

Stanford University, Research Intern

Summer 2012

• Aided PhD student under Professor Nick McKeown with research on Software Defined Networks

Leadership Activities

Co-founder, Homeroom

Mar 2013-Present

- Created a startup to provide an easier way for teams to communicate with one another
- Built complete website with Node.js, HTML5/CSS/Javascript, MongoDB, Socket.io
- We're live at: homeroom.me

Grader, Machine Learning

Jan 2015-May 2015

• Graded problem sets for an upper division Machine Learning course

Course Assistant, Introduction to Programming

Jan 2014-May 2015

- Held regular office hours to assist students
- Helped instruct during class sections

Projects

HaskellBoy

• Writing emulator for the Gameboy Color/Zilog Z80 architecture in Haskell

NativeDoc

- Wrote a Chrome plugin to view Word documents and powerpoints in-browser
- Has 350 users currently using it

Skills

Languages: Java, C/C++, Haskell, Python, Javascript,

HTML/CSS

Software: Node.js, MongoDB, Git, Eclipse, Emacs, Vim,

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