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Avik Dureja

Objective

I am interested in obtaining a software engineering internship for the Spring/Summer of 2017 in an environment that fosters intellectual growth, both as a person and a software developer.

Education

Georgia Institute of Technology; Atlanta, GA; 2015-Present
- B.S. in Computer Science (expected May 2018), GPA: 3.92/4.00
- College of Computing Study Abroad Program, Barcelona
  - One of 60 students selected to live and learn in faculty-led program
  - Enrolled in Intro to Database Systems, Discrete Mathematics, Computing Ethics
- Relevant Coursework: Data Structures & Algorithms, Computer Organization & Programming (Assembly), Object-Oriented Programming, Discrete Mathematics

Bergen County Academies; Hackensack, NJ; 2011-2015
- Academy for the Advancement in Science and Technology
- ACT: 35
- Relevant Experiences: AP Computer Science, Linear Algebra and Differential Equations, Topics in Oncology and Hematology, Englewood Medical Center Rotations Program

Projects

Soundmate; Creator – 2016
- Used jQuery with background scripts to create a radio application Chrome extension
- Queues song recommendations based on music preferences to find new music
- Retrieves song stream information from Soundcloud API

GT Travel Agency; Frontend Developer – 2016
- Built a travel review web application connected to external MySQL database
- Designed web pages with Bootstrap scaffolding & form population for front-end
- Implemented sign-in functionality and backend skeleton for query processing

Experience

Technology Intern, Greater Bergen Comm. Action, Inc; Hackensack, NJ – 2014-2015
- Helped reorganize and renovate front-end for company website
- Configured hardware and provided IT assistance at remote locations

Nanotechnology Researcher, Bergen County Academies; Hackensack, NJ – 2014-2015
- Developed novel material idea for battery electrode
- Executed polymerization chains around electronegative materials
- Led new student researchers and served as an advisor for their projects

Skills
- Front-end: HTML5, CSS, Javascript, jQuery, PHP (familiar)
- Programming: Java, Python, SQL
- Technologies: Git, Bootstrap, Jinja2, Flask, Bash, Google App Engine (familiar)

Activities
- Hackathons - Organizer (hackBCA); Participant (MHacks, hackRU, hackGT)
- Choreographer - Georgia Tech Qurbani (Bollywood Dance Team)
- Dancer - Jazba (Atlanta-based Bhangra Team)