Nik Bisht

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EDUCATION

University of California Berkeley – Berkeley, CA   **Graduation: May 2017**
B.S. in Electrical Engineering and Computer Science
GPA: 3.5/4.0
Relevant Coursework: Multivariable Calculus, Data Structures and Algorithms, Machine Structures, Probability Theory

Irvine Valley College – Irvine, CA   **2010-2013**
B.A. in Social and Behavioral Sciences
Honors: Graduated Magna Cum Laude
GPA: 3.9/4.0

PROFESSIONAL EXPERIENCE

Ellison Education – Lake Forest, CA   **Summer 2014**
Junior Product Developer Specialist

- Used Adobe Illustrator to create new products based off hand-made artwork and used layering techniques to drive production.
- Created product images through Adobe Photoshop to be published on the webstore used by majority of customers.
- Facilitated multiple revisions of custom dies to be used for education through product testing and modeling.

Berkeley EECS Department – Berkeley, CA   **Fall 2014 - Present**
Lab Assistant and Developer

- Designed lab instructions and corresponding images to facilitate connection to lecture material.
- Answered student questions in person, office hours, and Piazza discussion forum.
- Hosted homework parties and workshops to cement understanding of material.

PROJECTS

Novella Bridal App (iOS) – Chase Appathon, San Francisco, CA   **Fall 2014**

- Developed a simple, single page interface for Novella Bridal customers to access information regarding their bridal dresses.
- Engineered a toolbar which would scrape data, letting clients know exactly where in the process they were.

Graph API – Berkeley, CA   **Fall 2014**

- Created a Java based Graph package implementing A* search algorithm to locate shortest distance between two vertices.
- Used to implement a Trip Finder client which, given a map of roads, locations, and coordinates, would list the steps of the shortest route between any two locations.

MiniQuery – Berkeley, CA   **Fall 2014**

- Implemented a table-based DBMS with a query language including multiple conditions and relational clauses.
- Included support of importable and exportable database files.

Twitter Parser – Berkeley, CA   **Spring 2014**

- Takes large datasets of Tweets from Twitter API and parses Tweets individually, associating as negative, positive, or neutral.
- Uses the geographic location to associate states' average happiness with their users' Tweets.

Scheme Interpreter – Berkeley, CA   **Spring 2014**

- Engineered a fully functional Python based Scheme Interpreter that implements trees.

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

Delta Chi Fraternity – Berkeley, CA   **Spring 2014 – Fall 2014**
Scholarship Chair

- Within one semester, solely and completely digitized test bank of publicized tests from variety of classes of fraternity members.
- Hosted study hours to promote academic achievement of members.

Internal Philanthropy Chair

- Helped organize Delta Chi World Cup, a charity soccer tournament for the Greek community.
- Contacted and garnered sponsors to support Delta Chi World Cup including Tinder, Red Bull, and Whisper.

SKILLS AND INTERESTS

Languages: English (Native) | Spanish (Professional Working Proficiency) | Hindi (Elementary Proficiency)
Technology – Proficient: Python | Java | Swift
Technology – Prior Experience: HTML | CSS | Objective-C | C | Javascript | Scheme
Interests: Ultimate Frisbee | Cooking | Hiking