

Nicole Hemenway

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EDUCATION

Stanford University

Foundations in Computer Science Graduate Certificate, in progress 9/2017-present

- Current Coursework: Mathematical Foundations of Computing (CS103) and Computer Organization and Systems (CS107)

Intensive Studies in Computer Science Certificate, GPA: 4.0 6/2017-8/2017

- Coursework: Programming Abstractions in C++ (CS106b) and Client-Side Internet Technologies (CS193c)

UC Berkeley

1/2011-5/2015

B.A. South Asian Languages and Literatures, minor in History, with high honors

- Chair's Book Prize, for submitting the top honors thesis in the department
- Departmental Collegiate Commencement Speaker

TECHNICAL SKILLS

C++ • Ruby • Rails • JavaScript • React • Redux • SQL • Git • HTML/CSS

PROJECTS

Gulp | nkhem-gulp.herokuapp.com

4/2017

A full-stack, Yelp-inspired web application for finding and reviewing drinks-related businesses in SF. Uses a PostgreSQL database, Ruby on Rails, and JavaScript with React/Redux

- Uses external APIs to seed database with Yelp business data and to render business markers on a Google map
- Implements secure account creation and authentication through BCrypt and session tokens
- Allows users to create, edit, and delete reviews of businesses based on their login credentials

Planarity Knot | nkhem.com/planarity-knot

5/2017

An interactive mathematical brainteaser written in vanilla JavaScript, HTML, and CSS

- Generates unique non-planar graphs of increasing difficulty at the beginning of each level
- Dynamically tracks and displays current nodes and edges based on mouse interaction
- Efficiently stores graph data at start of each level to allow players to reset graph to its initial state

EXPERIENCE

Urdu Language Fellow

Berkeley-AIPS Urdu Language Program – Lahore, Pakistan

8/2016-12/2016

American Institute of Indian Studies – Lucknow, India

9/2015-4/2016

- Fully-funded merit-based awards to study Hindi and Urdu intensively in South Asia

Intern

9/2015-4/2016

Association for Advocacy and Legal Initiatives (AALI)

Lucknow, India

- Conducted research on legislation affecting women in India and summarized research findings for lay audiences, primarily on the topics of forced marriage and violence against women
- Single-handedly overhauled AALI's Wordpress site after taking initiative to learn HTML & CSS

Skills and Workforce Development Summer Intern

6/2016 - 8/2016

Policy and Advocacy Team, National Immigration Forum

Washington, D.C.

- Tracked news and legislative developments related to skills and workforce development policies
- Drafted, proofread, and copy-edited news bulletins, outreach communications, letters to policymakers, blog posts, and other written products