Nicole Hemenway

Redwood City, CA
nkhemenway@gmail.com

nkhem.com ☺
linkedin.com/in/nkhem 💼
github.com/nkhem ⏺

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
- Completed 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