

# Nicole Hemenway

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nkhem.com  
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github.com/nkhem



## EDUCATION

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### Stanford University

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

- Current coursework: Mathematical Foundations of Computing (CS103)

*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
- Recipient of 6 other merit-based scholarships, fellowships, and awards, amounting to \$60,000+

## TECHNICAL SKILLS

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

## PROJECTS

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### Gulp | [nkhem-gulp.herokuapp.com](https://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 React/Redux*

- 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](https://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

## EXPERIENCE

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### Co-Director of Field Operations

*Recall Judge Persky Campaign, Santa Clara County*

8/2017-present

- Design, implement, and maintain an events calendar and volunteer signup system for coordinating hundreds of volunteers at dozens of volunteer events

### 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

*Association for Advocacy and Legal Initiatives (AALI)*

9/2015-4/2016

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

*Policy and Advocacy Team, National Immigration Forum*

6/2016 - 8/2016

Washington, D.C.

- Drafted, proofread, and copy-edited news bulletins, outreach communications, letters to policymakers, blog posts, and other written products