

Noah Lopez

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EDUCATION

UC BERKELEY

BA IN COMPUTER SCIENCE

May 2018 | Berkeley, CA
Cum. GPA: 3.295 / 4.0

COURSEWORK

UNDERGRADUATE

Data Structures
Software Engineering
Foundations of Computer Graphics
Machine Structures
Introduction to Database Systems
Computer Security
User Interface Design and Development
The Structure and Interpretation of
Computer Programs

SKILLS

PROGRAMMING

Ruby · Python · JavaScript
HTML · CSS · SQL
Java · C · C++

OTHER

Rails · Node.js · MongoDB
Agile XP · Ajax · jQuery

EXPERIENCE

AMAZON | MTURK AI ASSISTANT

June 2018 - Present | Freelance

COMMUNITY GROWS | SOFTWARE ENGINEERING INTERN

June 2017 – August 2017 | San Francisco, CA

- Worked in a team of five developers in a Agile XP environment.
- Led and shipped a Board Portal - an admin interface for internal communications.
- Full-stack developer - Wrote and reviewed code in Rails, JavaScript, Ruby, Python, HTML and CSS.

UC BERKELEY | LAB ASSISTANT

January 2017 – June 2017 | Berkeley, CA

- Worked with a team of instructors to facilitate one of the largest introductory Computer Science Courses in the country!
- Held weekly office hours to assist students with projects and teach them new concepts.

RECENT PERSONAL PROJECTS

HAMPTONATOR.COM

Summer 2018

- A cover art generator built using Node.js, JavaScript, CSS and HTML.
- The sites key feature is a thermal photo filter I built from scratch.
- The site sees thousands of monthly users and is sustained entirely by donations.

FILM POINT AVERAGE

Spring 2018

- A film review site built using Rails, Ruby, JavaScript, CSS and HTML
- The sites key feature is its integration of data from the online movieDB.

SELECTED SCHOOL PROJECTS

RAY TRACER

Spring 2018

- A fully functioning ray tracer that utilizes techniques from Computer Graphics such as BVH, Direct/Indirect illumination, adaptive sampling and more!
- This project was built using C++.

SECURE DATA STORE

Spring 2017

- A secure data store that upholds a users Authenticity, Confidentiality and Integrity by leveraging techniques from computer security.
- This project was built using Java.

GITLET

Spring 2015

- A striped down git version control system complete with commits, restores, branches and more!.
- This project was built using Java.