

Kevin Vo

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EDUCATION

2014-2018

UC Berkeley

Computer Science

2010 - 2014

Ontario High School

4.53 Cumulative Weighted GPA
Summa Cum Laude

EXPERIENCE

Aug. - Dec 2015

UC Berkeley

CS10 Lab Assistant

Guide CS10 students through labs, homework assignments, and projects in weekly section.

Aug. - Dec 2014

Cal Rotaract

Historian Intern

Documented events by using Adobe video software to compile media for Rotaract, the oldest and most renowned service organization.

AWARDS

2014

Jag Pin

Awarded to top 4 people of the graduating class.

PROJECTS

Scribble

Android, Java

Developed an Android application designed to seamlessly take a photo, annotate with creative tools, and share with friends/family. Scribble is built to fill the lack of simple photo annotation features in social applications such as text messaging and emailing.

Buffer Overflows

C, Python, VirtualBox

Writing python scripts that take advantage of buffer overflows, off-by-one, and ret2eax to bypass ASLR into exploiting vulnerable C code and getting access to unauthorized accounts.

CAPoets

Ruby, Rails, HTML, CSS, RSpec, Capybara

Created a web application with Ruby on Rails for the nonprofit company, California Poets in the Schools. Employed behavior-driven and test-driven methodology using RSpec and Capybara.

Gitlet

Java, JUnit

Designed and implemented a portable version-control system with local git functionality (commit, branch, merge, reset, etc.) using Java. Works whenever Gitlet files are in any local directory.

COURSEWORK

- User Interface Design
- Efficient Algorithms and Intractable Problems
- Computer Security
- Artificial Intelligence
- Database Systems
- Software Engineering
- Machine Structures (Computer Architecture)
- Discrete Mathematics and Probability Theory
- Data Structures and Algorithms
- Structure and Interpretation of Computer Programs

SKILLS

Programming

Java / Python / SQL / C / C# / R

Web Development

HTML / CSS / Ruby on Rails

Tools

Android Studio / Unity / Git / Linux / Windows / MacOS / Microsoft Office / Photoshop / R-Studio

Languages

English / Vietnamese