

## Education

2014 – May 2018  
GPA 3.6  
**Rice University**, Houston, TX  
Bachelors of Science in Computer Science

## Experience

Summer 2018 - **WePay**, Redwood City, CA  
*Software Engineer – API Team*

Summer 2017 **Vimeo Inc**, New York, NY  
*Creator Tools Engineering Intern*  
Created a JavaScript SDK that enables 3<sup>rd</sup> party website users to choose videos from their personal Vimeo accounts. Also created a hackathon project that allows users to upload videos to Instagram from their Vimeo accounts.

2016 - 2017 **Rice University**, Houston, TX  
*Teaching Assistant – Fundamentals of Parallel Programming & Introduction to Program Design*  
Responsible for holding office hours, grading projects, and leading labs.

Summer 2015 **Vital Connect Inc**, Campbell, CA  
*Software Engineering Intern – App development team*  
Helped design and implement an event based library in Java for future Android apps. Created a Bluetooth library in Java and integrated it into the existing company app.

Summer 2013 **Vital Connect Inc**, Campbell, CA  
*Biomedical Intern*  
Designed experiments to test health monitoring devices. These tests included blood pressure measurements with impedance devices and step length with a pedometer.

## Personal Projects

**Traveling Salesmen** <https://github.com/vrnaz/traveling>  
A genetic algorithm, implemented in Python, that solves the traveling salesman problem for the thirty most populace cities in the United States. Also created a webpage that displays the generated path using the Google Maps API.

**Checkers Game** <https://github.com/vrnaz/checkers>  
A checkers game, implemented in Java, with a graphical user interface and an AI based on a minimax algorithm. The algorithm creates a decision tree of all possible moves for the next three turns. It then makes the move that produces the maximum score differential between players after three turns.

**Sudoku Solver** <https://github.com/vrnaz/sudoku>  
A recursive Sudoku solver implemented in Java.

## Skills

Javascript, React, Java, Python, PHP, C, Scala, SQL, HTML, CSS  
Git, Subversion, Jira, IntelliJ, Eclipse, Atom, Microsoft Office