

Local:
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Colin Riley
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Available from January – August 2018

Home:
966 Jackson St,
San Francisco,
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Education

Northeastern University | Boston, MA

September 2016 – Present

College of Computer & Information Science

GPA: 3.6/4.0

Candidate for Bachelor of Science in Computer Science

May 2021

Honors: Dean's List, member of Northeastern's Honors Program

Activities: Northeastern Association for Computing Machinery, League of Legends (video game) club, Intramural soccer, CCIS freshmen mentor

Relevant Courses: Algorithms and Data, Computer Systems, Object Oriented Design, Linear Algebra, Probability and Statistics, Fundamentals of Computer Science 1 & 2, Logic & Computation, Discrete Structures (Honors)

Technical Knowledge

Languages: Proficient: Java, Racket | Familiar: Python, C, Assembly, ACL2S, Snap!

Software: IntelliJ, GitHub, Eclipse, Android Studio, Terminal, Sony Vegas, Autodesk

Operating Systems: Advanced knowledge and use of MacOS, proficient with Windows OS and Unix/Linux

Projects

Calculator | San Francisco, CA

August 2017 – October 2017

- Developed Android app in Android Studio and coded in Java for the purpose of learning Android Studio
- Made with button and text widgets; supports basic calculator functionality like add, subtract, multiply, and divide

Othello | San Francisco, CA

March 2016 – May 2016

- Created the game Othello in Pygame and coded in Python with single and two player functionality
- Developed an algorithm that calculates the best possible move to play against in single player mode

Other Projects: MVC music editor (Java), maze game with solution finder (Java), Breakout video game (Java), Bash-like Unix shell (C), thread safe high performance memory allocator (C), and personal website (HTML, CSS)

Experience

Teaching Assistant for Object Oriented Design NEU | Boston, MA

September 2017 – Present

- Serve as teaching assistant for upper level computer science course
- Hold office hours 2 times a week for 2 hours to answer student questions and provide assistance
- Grade students' coding assignments, midterm, and final exam

Teaching Assistant for Logic & Computation NEU | Boston, MA

May 2017 – July 2017

- Instructed and lead 20 person labs that met twice a week for 2 hours
- Taught students course concepts and answered students' questions
- Graded exams and homework submissions
- Held regular meetings with the professor to improve the course and labs

Breakthrough | San Francisco, CA

September 2010 – January 2016

- Volunteered in a team of 100+ tutors serving 500+ underprivileged middle schoolers from the San Francisco area
- Tutored 2-4 middle schoolers after school
- Taught organizational and time management skills and habits to prepare students for high school

Interests

- Rock and indie music, learning new instruments; playing the guitar, trumpet, violin, and drums
- Connoisseur of delicious ramen