Avery Jordan

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Education

**Rice University**, Houston, TX

Bachelor of Arts in Computer Science May 2019

Bachelor of Arts in Asian Studies May 2019

Selected Courses

**Computer Science:** COMP 215 – Functional Program Design (Java), COMP 322 – Parallel Programming (Java), COMP 321 – Systems Design (C)

**Asian Studies:** Chinese (Mandarin) 101, 102, 201, 202, 301, 302; History 212 – Contemporary China, Asia 488 – Asia and Energy; Rice-in-China (Rice study abroad program at Nanjing University)

Experience

**Operations Software Development Intern** May 2017 – Aug. 2017

Cardinal Blue Software, Taipei, Taiwan

* Worked to optimize internal operations using software
* Developed new SlackBots with Django server back end, content reporting tools,   
  content monitoring dashboards, and advertising revenue dashboards
* Used Google BigQuery and Data Studio for in app purchase revenue analysis

**HackRice Committee Chair** May 2016 – Present

HackRice at Rice University, Houston, TX, USA

* Led team of 10 to develop application system with Flask framework
* Helped distribute and review 1200+ applications to Rice’s annual Hackathon
* Helped plan $50,000 budget, coordinate 36-hour event with 300+ participants

Projects

**HackRice Application Review System (extracurricular)** Aug 2016 – May 2017

* Used Flask (Python web framework) to implement review system for applications to HackRice
* Used Heroku platform to host application, and PostgreSQL for database

**Memory Allocator (in-class)** January – May 2017

* Developed memory allocator based on malloc package in C
* Implemented explicit free list allocator that included coalescing

**Web Proxy** **(in-class)** January – May 2017

* Created a basic concurrent HTTP web proxy in C
* Explored HTTP standard, web requests, and IO

Skills

**Computer Skills:** Proficiency in Python, Django, Flask, Java, Git + Github, Subversion, C; Some experience with BigQuery, Google Data Studio

**Language Skills:** Native English Speaker; Early advanced skill level in Mandarin Chinese

Activities/Honors

* Spirit of Service Award (Rice Environmental Society) May 2016
* HackRice Organization Committee Member Apr. 2016 – Present
  + Committee co-chair Jan. 2017 – Present
* JP Morgan Chase Code for Good Hackathon Runner Up Feb. 2016