

Zhaolin Yu | Résumé

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🐦 Franklin_YZL

Education

Binghamton University

M.S. in Computer Science, 3.74

Binghamton

2015–2016

Shanghai Jiao Tong University

B.S. in Electric and Computer Engineering

Shanghai

2010–2014

Languages and Tools

Proficient: C/C++, Ruby (Rails), Java, Swift, GNU make

Average: Python, Haskell, Bourne Shell/GNU Core Utilities, JavaScript, HTML/CSS

Projects

Votta

Solo project

2016–now

A website for user to vote for their favorite thing. Front-end based on Angular, back-end based on Rails. Test-driven development. Continuous delivery.

Binghamton University Bike Share

Contributor and Administrator

2015 Jan.–now

A website recording bike transactions and authenticate user during transactions. It records when a user takes or returns a bike, and decide whether to allow user to take the bike.

In charge of:

- JSON API for hardware-team
- main architecture design
- Git repository (solving merge conflicts)

MIPS-like CPU Simulator

Participant

2015 Fall

Simulate an out-of-order CPU with instructions including arithmetics, memory operation and branching. Team of two. In Java, with Gradle as build system. Tested with JUnit.

Investigation of Process Schedule Mechanism in Linux Kernel

Participant

2014 Summer

- Implemented a pair of system call to switch on and off the process schedule recording.
- Implemented a simple process scheduling mechanism.