

Zhaolin Yu | Résumé

☎ +1 (607) 768 0882 • ✉ zyu13@binghamton.edu
in franklinyu • 🌐 franklinyu • 🐦 Franklin_YZL

Education

Binghamton University

M.S. in Computer Science, 3.87

Binghamton

2015–2016

Shanghai Jiao Tong University

B.S. in Electric and Computer Engineering

Shanghai

2010–2014

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.

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

MIPS-like CPU Simulator

Participant

2015 Fall

Simulate an out-of-order CPU with instructions including arithmetics, memory operation and branching. Team of two.

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.

Languages and Tools

Proficient: Git, C/C++, Ruby, Java, Swift, GNU make, L^AT_EX

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