

Yubo Tian

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EDUCATION

Duke University, Durham, NC

Expect May 2016

Bachelor of Science Degree in Computer Science; Bachelor of Arts Degree in Biology

- Relevant coursework: Design & Analysis of Algorithms, Computer Architecture, Data Structures & Algorithms
Intro to Artificial Intelligence, Intro to Database Systems,
Intro to Computational Genomics, Molecular Biology, Genetics and Revolution
Discrete Math, Multivariable Calculus, Probability
- Projects & Competitions:
 - HoopsStats: An interface that takes user input, reorganize information and print in a special output syntax. (MIPS)
Implemented a linked list that dynamically allocates memory and a bubble sort algorithm for it.
 - Pac-Man: A agent that can find paths through maze, avoid ghosts successfully, and collect food efficiently. (Python)
Implemented algorithms for search, planning, decision theory, MDP, Bayesian networks, and machine learning.
 - Gym Buddy: An iOS app that pairs up workout buddies according to requests and fitness habits. (Swift, SQL)
Collaborated in a 4 person project, designed and implemented UI and database.
 - Microsoft Coding Competition: Ranked 5 out of 30 teams. (Java)
- Skills:
 - Languages: English (fluent), Mandarin Chinese (native), Japanese (elementary)
 - Technical Languages: Java, Python, C/C++, HTML/CSS, SQL, XML, MIPS, AngularJS, Node.js, MongoDB
 - Development Practices: UX/UI design, Database design, Eclipse, IntelliJ IDEA, Xcode, Vagrant, Virtual Box, Git

LEADERSHIP & ACTIVITIES

Student Association

Treasurer, Duke Chinese Student Association

May 2013 - Present

- Managed budget of \$4982 to organize 8 social events for more than 150 CSA members
- Prepared pre-season funding through creating events calendar and application
- Collaborated with ASA and other organizations for multiple cultural events that increased cultural awareness on campus

President, Students Association in Qingdao No.2 Middle School

Oct. 2011 - Oct. 2012

- Reviewed profiles, presided panel discussions with Principle, and created a unprecedented democratic election system
- Held 30 weekly meetings to maintain positive dynamics among 42 executive board members from 12 departments

DukeEngage, Beijing, China

May - Jul. 2014

- Designed and implemented weekly interactive conversational English classes to supplement standard English curriculum for 38 7th graders. Led a 10-day summer camp for 26 incoming inexperienced students, taught everything from orderly lining up for mealtime to dorm cleanliness maintenance.
- Initiated the Dandelion Middle School Model United Nations (MUN) project which attracted 46 8th graders at its first conference; oversaw and facilitated the conference from its conception to completion
- Conducted 5 home visits for the Dandelion Cookbook project, interviewed parents representing 4 different provinces in China, compiled a cookbook with detailed listing of ingredients and recipes in a publishable bilingual format

WORK EXPERIENCE

Fuqua School of Business, Durham, NC

Sept. 2013 - Present

Employee Ambassador (Career Management Center)

- Coordinated and co-organized 32 recruiting presentations with representatives from fortune 500 companies
- Provided technical supports, regulated student RSVP system, and prepared networking materials for multiple companies
- Compiled relative company information as references for future recruiting season

Kaplan Higher Education, Qingdao, China

Dec. 2011 - Dec. 2012

Teaching Assistant (SAT Grammar & College Application)

- Co-founded a platform for high school juniors to share application experience and extracurricular opportunities
- Guided 5 students through college application process, advised college choices and explored academic interests