Zhanwen Chen

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EDUCATION

VASSAR COLLEGE
BA in Economics
Minor in Computer Science
Dec 2016 | Poughkeepsie, NY
Cum. GPA: 3.0 / 4.0
C.S. GPA: 3.3 / 4.0

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Parallel Programming
Software Development
Declarative Programming
Modeling and Simulation

SKILLS

PROGRAMMING
Java • Python • JavaScript • C
C++ • C# • HTML • CSS
SQL • Shell

FRAMEWORKS AND TOOLS
Node.js • Express.js • Socket.io
Angular.js • jQuery • Bootstrap
Tensorflow • OpenCV • ROS
Google Cloud Platform • Heroku
Git • GitHub

AWARDS

INROADS SCHOLARSHIP
2016

EXPERIENCE

PITNEY BOWES | Software Engineering Intern
Jun 2016 – Aug 2016 | Shelton, CT
- Developed a massively scalable database server that decodes and stores XML messages from PB products around the globe, using computed integer indeces for string catetories. C#, SQL
- Developed a configuration application that sets up Wi-Fi connection between PB mail printers and Windows-based tablets using REST APIs. C#, Java

PITNEY BOWES | Commodity Specialist Intern
Jun 2015 – Aug 2015 | Danbury, CT
- Developed a supply chain compliance data collection and management database

NESTLÉ WATERS NORTH AMERICA | IS/IT Intern
Jun 2014 – Aug 2014 | Stamford, CT
- Developed a data analytics pipeline that automated sourcing, staging, visualization, and regressions. SQL, R

PROJECTS

ROADJAMS Web App | HackMarist
Oct 2016 | Poughkeepsie, NY
Co-created a web app that lets a group of users create and manage a shared Spotify playlist based on their Spotify data and preferences. Express.js, Socket.io, jQuery, PostgreSQL

SIMULATED REALITY Embedded, ML | MHacks8
Oct 2016 | Detroit, MI
Co-created an Arduino batting robot that uses simulated learning results to hit oncoming objects. C++

TRAIN STREAM Web App | Stamford Hackathon
Sep 2016 | Stamford, CT
Co-created a web app that provides multi-modal tranportation options, replete with trip cost and travel time listings. Won an Uber-sponsored prize in the SmartCity category. JavaScript, Google Cloud Platform (Python, NoSQL)

ACTIVITIES

2016	Member	Association for the Advancement of Artificial Intelligence (AAAI)
2016	Member	The Institute of Electrical and Electronics Engineers (IEEE CS, RAS)
2016	Member	VC++ (Vassar Student Developers)
2014	Member	Association for Computing Machinery (ACM SIGAI)