

Shimin Zhang

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Location: Denver, Colorado | Github: [Shimin-Zhang](https://github.com/Shimin-Zhang) | LinkedIn: [shiminzhang](https://www.linkedin.com/in/shiminzhang)

Experience

Lead Software Engineer · Itential, LLC. · Feb 2019 – Nov 2020

Create network and business process automation software using the Itential Automation Platform for large enterprise clients. Technologies used include Node.js, React, testing suites (Phantom.js, Mocha, Chai, Nyc), MongoDB, Docker, Git. Serve as tech lead and client side platform SME embedded in an Agile team, conduct knowledge transfer/training sessions, review merge requests and interview prospective candidates.

Graduate Teaching Assistant · Georgia Institute of Technology · Aug 2017 – Dec 2018

Teaching Assistant for Dr. Ashok Goel's Knowledge-Based Artificial Intelligence course and Dr. Charles Isbell's Machine Learning course. Created course content for Georgia Tech's edX.org Machine Learning course.

Software Engineer · Forio Corporation · Jan 2015 – May 2016

Build business simulation solutions using Node.js, React, Redux, Backbone.js and the Forio Epicenter platform. Practitioner of BDD, agile methodologies and work closely as a team iterating on client feedback. Clients range from Fortune 100 corporations to top US universities. Technologies used include the latest HTML5 browser APIs (WebRTC, MediaRecorder Api, IndexedDB), Google APIs, WebSockets, D3.js.

Financial Systems Analyst · P/S/L Group, LLC. · December 2013 – September 2014

Created SAP Business Objects database universes and designed internal financial reports. Integrated Business Objects with ERP system Maconomy. Created VBA scripts that save hundreds of hours of accounting data entry per year.

Software Developer · Redstage Networks, LLC. · June 2012 – Sept 2013

Launched multiple ecommerce websites from design to launch using the PHP framework Magento.

Skill

Languages: **JavaScript** · **Ruby** · **Python** · **Elixir** · **PHP** · **SQL**

Tools: **Node.js** · **React.js** · **Gatsby** · **Ruby on Rails** · **Git** · **Sass** · **Magento**

Certifications: **AWS Cloud Practitioner** · **AWS Machine Learning Specialization**

Education

Georgia Institute of Technology Atlanta, GA · M.S. in Computer Science · 2018

CUNY Baruch College · New York, NY · M.S. in Accountancy · 2012

CUNY Baruch College · New York, NY · B.A. in Mathematics · 2010

Publication

Zhang, Shimin. Information Overload and Computer-Supported Collaborative Learning: Insights from Agent Based Modeling. *Fifth Annual Conference on Learning at Scale (L@S 2018)*.

G.Ashok, [et al, including S.Zhang] Extracting Structural Knowledge from Natural Language Documents to Support Biologically Inspired Design. *AAAI Fall 2018 symposium on Gathering for AI and Natural Systems*.

M.Zafar, [et all, including S.Zhang], Semi-parametric Approaches to Learning in Model-Based Hierarchical Control of Complex Systems. *International Symposium on Experimental Robotics (ISER-2018)*.