

# Sameer Srivastava

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github.com/sameersrivastava

## EXPERIENCE

**Leverage** | Product Engineer | *Baltimore, MD*

Aug 2017 – Present

- Developed IoT applications in Node.js, React, and React Native to manage and control 50,000+ devices
- Created and integrated various React components including maps, graphs, tables, searchbars, etc. with Redux
- Scoped and managed technical IoT projects for up to four clients simultaneously including a Fortune 500 client
- Utilized CircleCI and Keel for CI/CD process. Wrote unit and integration tests to achieve at least 80% code coverage
- Maintained production Kubernetes clusters on Google Cloud Platform (GCP) in DevOps capacity

**Delta Lab** | Developer and Researcher | *Evanston, IL*

Jan 2016 – Jun 2017

- Co-authored HCI research paper on scaling undergraduate design-based research. Submitted to CHI '18
- Developed a system in JavaScript to support undergraduate researchers make realistic and impactful research plans
- Designed over 60 user interfaces that ranged from sketches, to paper prototypes, to functional web interfaces
- Conducted over 20 iterative rounds of interface testing and building with 15-20 total users

**Northwestern University** | Design Coach | *Evanston, IL*

Nov 2016 – Mar 2017

- Co-created new agile design curriculum to teach interaction design to graduate students
- Lectured and mentored 15+ graduate students through design sprints for client interaction design projects

**Shmoop** | Web Development Intern | *Mountain View, CA*

Jun 2014 – Sep 2015

- Worked as a member of an agile software engineering team using JavaScript, Sass, and PHP
- Wrote translation algorithm for translating English into "Shakespearean" in JavaScript
- Implemented Object-Relational Mapping (ORM) to store user statuses in a MySQL DB for new Courses product

## EDUCATION

**Northwestern University** | *Evanston, IL*

Sep 2013 – Jun 2017

- Cumulative GPA: 3.69
- Bachelor of Science in Computer Science and Bachelor of Science in Mechanical Engineering
- Relevant Coursework: Machine Learning, Database Systems, and Design, Technology, & Research

## ACTIVITIES

**Venture For America** | Fellow | *Baltimore, MD*

Apr 2017 – Present

- Admitted to selective fellowship program for recent graduates to work at startups in emerging cities
- Received five weeks of training in various fields including product development, entrepreneurship, and inclusivity

**Design For America** | Co-President, Workshop Lead, and Team Lead | *Evanston, IL*

Sep 2013 – Jun 2017

- Co-led 80 students on project teams to use design thinking to solve problems in the community
- Organized first Spring Design Expo at Northwestern with over 50 student presenters on interdisciplinary teams
- Coordinated critiques and taught weekly workshops on the design process and technical skills to project teams

## SKILLS

- Programming – React, Redux, React Native, Node.js, JavaScript, REST, Kubernetes, Redis, MySQL, and Python
- Prototyping – Arduino, Raspberry Pi, Bluetooth, CAD, CNC Machines, 3D printers, and laser cutters
- Design – Sketch, Balsamiq, Qualitative Interviews, Storyboards, Personas, Journey Maps, System diagrams