

Sandesh Pathak

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EDUCATION

- **Fullstack Academy of Code**, Software Engineering Immersive *August 2016- December 2016*
- **Drexel University**, BA in Mathematics *August 2013-September 2015*
- **Caldwell University**, BA in Mathematics *September 2011-August 2013*

TECHNICAL COMPETENCIES

- **Proficient:** JavaScript/ES6, React, Node.js, Express, PostgreSQL, Git, CSS, Threejs
- **Knowledgeable:** Java, Python, jQuery, Redux, Firebase, Jasmine, Mocha/Chai, Heroku, Canonjs, Google Analytics
- **Interested:** Machine Learning, AWS, Big Data Analytics, Adobe Suites

MAJOR TECHNICAL PROJECTS

- Agamari** | github.com/quirkycorgi/Agamari | agamari.herokuapp.com *November 2016*
- A web-based 3D game that allows multi-player and multi-rooms built in three weeks.
 - Contributed in planning/deployment; writing test specs for backend; and writing code for threejs/react/express/sequelize
 - Built with React/Redux, Sequelize, Sockets.io, Node, Express, Threejs and Canonjs

- JavaScript Chess** | github.com/sandes93/JavascriptChess *October 2016*
- Completed a simple chess game using JavaScript as part of a Hackathon project
 - Currently working on to facilitate special edge cases of Chess

PROFESSIONAL EXPERIENCE

- Airbnb Property Manager** | **Ureii Inc** *October 2015 — July 2016 | Philadelphia, PA*
- Oversaw changing new houses and rentals into fully furnished Airbnb listings that helped the company grow revenue by 300%
 - Improved hospitality of four Airbnb listings that contributed to improve customer flow by 25% and overall ratings by 1 star

- Web Developer** | **Historical Society of Pennsylvania** *March 2015 — September 2015 | Philadelphia, PA*
- Led project management in the full-cycle development of HSP website. This included analyzing databases for research, communicating with HSP for product requirement writing, concept development, and creation of mobile website for HSP site
 - Collaborated with lead web developer to develop new customer features and workflows using JavaScript and PHP
 - Relied on Google Analytics to create custom reports which were used to analyze and predict mobile web trends and presented findings to management on a weekly basis that eventually increased user traffic by 10%

- Network Administrator** | **DSG Global Headquarters** *March — September 2014 | Malvern, PA*
- Improved network by performing network monitoring/analysis; performance tuning; troubleshooting network problems; and escalating problems to vendor which eventually increased network performance by 15%
 - Performed network and desktop training workshops for staff that helped increase productivity of the company
 - Helped to optimize the daily and weekly SQL backup process by automating parts of previously used backup processing

VOLUNTEER EXPERIENCE

- Volunteer Intern** | **Open Learning Exchange Nepal** *August 2010 — June 2011 | Kathmandu, Nepal*
- Prepared new computers and servers for deployment in Nepal to help develop education for rural and underfunded schools
 - Assisted engineers by travelling to the rural schools and completed workshops for teachers and installed new hardware