

EMPLOYMENT

Software Engineer, Intern **Live In Bing** **September 2018 – May 2019**

- Researched and developed a machine learning based roommate matching web app
- Developed a WordPress website – organized dev flow, edited and created dynamic pages
- Developed an apartment finder web app with filter and compare functionalities
- Practiced Agile Development principles – Scrum, Pair Programming, and Test-Driven Development
- Worked with Python, Django REST Framework, React, Redux, JSON, Postman, Bootstrap, PHP, CSS3, and Git

Software Engineer, Intern **StratiFi Technologies Inc.** **May 2018 – August 2018**

- Worked in a small, agile engineering team of a young, disruptive FinTech startup in San Francisco
- Developed the UI for multiple projects using Bootstrap, Chart.js, D3.js, and JQuery
- Developed the front-end for several projects using React, Redux, Handlebars, SCSS, Bootstrap, and Docker
- Led the migration of a huge static website to WP-Engine, and set up Mailchimp forms to handle subscribers
- Worked with Django REST Framework, Jira, Confluence, CircleCi, Netlify, Git, AWS S3, MySQL, and Postman

Full Stack Developer, Volunteer **Yoddhas** **June 2016 – July 2017**

- Worked in a team of four developers to implement the UI of the marketing website
- Developed a community forum and multiple crowdfunding campaigns in PHP, JavaScript, CSS3, MySQL
- Edited WordPress plugins to customize web features, and created a new theme for the team to reuse
- Monitored web performance, performed front-end QA, and briefly lead a team of web developer interns.

EDUCATION

Binghamton, NY **Binghamton University** **August 2017 – May 2019**

- Master of Science in Computer Science. GPA: 3.37
- Coursework: Programming for Web, Software Engineering, Programming Languages, Information Retrieval, Database Systems, Design and Analysis of Algorithms

Navi Mumbai, India **University of Mumbai** **August 2012 – May 2016**

- Bachelor of Engineering in Electronics
- Coursework: Programming in C, Computer Networks, Digital Image Processing, OOP

TECHNICAL EXPERIENCE

Projects

- **Personal Website** – <https://sahilkolwankar.com>. Made from scratch with SCSS, JavaScript, Git, and Netlify.
- **The Pig Game** - <https://www.thepiggame.sahilkolwankar.com/>. A dice-roll based game built with JavaScript.
- **Group Events Planner** (2018). Web app that lets users create events – study sessions, club events, and outdoor events; and lets others register to the events. Ruby, Rails, Cucumber, RSpec, MySQL, HAML, SASS
- **Web Based Document Search** (2018). Single-page RESTful web app that searches a query string across local files and returns a paginated list of results. React, MongoDB, Express.js, Node.js, JSX, CSS3, JSON, and JQuery
- **CLI Based Document Search** (2017). CLI app that searches a query string across HTML files and returns elaborate results. Python with Pandas for indexing, tokenization, and offset tracking
- **Spam Predictor** (2017). Machine Learning based iPython app that predicts if a text is spam. Used Naïve Bayes and Random Forest classifiers. Python

ADDITIONAL EXPERIENCE AND AWARDS

- **Convener, Student Association (2015-2016)**: Organized a technical festival, hosted a graduation ceremony, managed members of the organization, and obtained several sponsorships for the events.

LANGUAGES AND SKILLS

- HTML5, HAML, Handlebars, CSS3, SCSS, Bootstrap, JQuery
- JavaScript, React, Redux, MobX, Python, Node.js, REST API, Django, PHP, C, D3.js, Chart.js, Ruby, Rails
- JSON, MySQL, Git, Jira, Confluence, Netlify, CircleCi, Docker, AWS C9 and S3, WP-Engine, Slack, Postman
- SVG, Web Performance, Adobe Illustrator, Adobe XD, InVision