Abizar Bagasrawala

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📖 EDUCATION

Northwestern University (GPA: 3.92) / Evanston, IL   2016 - Present

- **Bachelor's in Computer Science** with Segal Design Certificate, Expected June 2020.
- **Teaching Assitant** / Human Computer Interaction, Fundamentals of Computer Programming
- **Programming Coursework** / Algorithms (C++), Code Analysis and Transformation (C++, LLVM), Systems Programming (Rust), Databases (SQL), AI (Python), ML (Python), Game Development (C#), HCI (HTML, CSS, JS)
- **Design Coursework** / Visual Communication Design, Service Design Studio, Information Design

🧠 **SKILLS** / (Languages) ES6 JavaScript, Rust, C++, Python, C# / (Full Stack) React (Native), Redux, Vue, GraphQL, Rest APIs, SQL, SCSS, PostCSS / (Design) Figma, Principle, Adobe Suite, Invision, Sketch

💼 EXPERIENCE

Incoming / Software Engineering Intern @ Walmart Labs (Summer 2019) / IDEO CoLab Fellow (Nov 2019)

Co-Founder / ISO Athletic (Software for basketball stat tracking)   April 2018 - Present

- Built production web app in Vue.js for 8 NCAA Division I Basketball Teams. Created 10+ Vue components myself integrated with VueX, SCSS and PostCSS. Code tested for 0 bugs in SonarQube.
- Designed wireframes and pixel-perfect prototypes for entire app. New UX increased client conversion rate 2X and onboarded 2018 college basketball champions, University of Villanova. (link to project)

Software Engineer / Oscillations (Dance animation)   June 2018 - April 2019

- Built and deployed dance-choreography AR app in React Native and Redux. Integrated 3D assets using Maya and Unity. Designed collectible cards optimized for image recognition. (link to project)

Front-end Engineer Intern / iNet-Web (Web design and development)   Summer 2018

- Transformed client's BigCommerce website UX by redeveloping a theme in the Stencil theming engine and Node.js. Utilized Handlebars.js and custom CSS.
- Designed a graphic website from ground up that made it to production after undergoing 3 design reviews from manager and client. Used Photoshop, Illustrator, and Sketch. Prototyped with D3, jQuery, HTML and CSS.

Freelance Developer / Coco Health (Counseling startup at Kellogg MBA School)   Spring 2018

- Created company website with production-level code that helped land initial clients. Product underwent 3 revisions based on client vision and website viewer analytics. / (https://coco-health.github.io/~/)

✒️ PROJECTS / (click to open)

- **Pollen** / Social polling app for gathering opinions / React Native, GraphQL, MongoDB, ES6
- **Compañero** / Food-sharing app for uberizing the food industry / React, Rest APIs, MongoDB, Maps, Router
- **Deep Space** / Clicker game with complex architecture / C#, Unity
- **Voice-controlled Drawing** / Web app featured in Northwestern Art Exhibition / PaperJS, ArtyomJS