SIRAJ CHOKSHI

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EDUCATION

University of Illinois at Urbana-Champaign   May 2022 *(expected)*
B.S. in Cognitive Science (GPA: 3.93)
Relevant Coursework: Data Structures, Discrete Structures, Python for Data, Programming for Cognitive Science,
    Computer Architecture, Elements of Syntax, Semantics & Pragmatics, Brain & Cognition, Statistics, Linear Algebra

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RELEVANT SKILLS

Knowledge: Web Applications, Full-Stack Development, UI/UX Design, Data Visualization, REST/GraphQL
Languages: JavaScript/TypeScript, Python, C++, Java, C#, Go, HTML, CSS
Frameworks: React, Vue, Redux, Node.js, Flask, Django, MongoDB, PostgreSQL, OpenCV
Software: Git, Linux/Unix, Sketch, Figma, Adobe Illustrator/Photoshop, Unity3D

RELEVANT EXPERIENCE

LinkedIn   Sunnyvale, CA
Software Engineering Intern   *May 2021—August 2021*
- Incoming Frontend/UI Engineering Intern

Command Bar (YC S20)   San Francisco, CA
Software Engineering Intern   *Nov 2020—March 2021*
- Building a site-wide, context-aware command line with TypeScript, React, and Django REST
- Scoped and developed core analytics web application for end-user data management and documentation

AbbVie   Champaign, IL
Software Engineering Intern   *Mar 2020—Nov 2020*
- Developed applications with Vue.js frontends and RESTful APIs to access large volumes of biometric data
- Implemented typeahead (predictive search), advanced query options, and shopping cart features
- Integrated TIBCO Spotfire dashboards with authentication and session storage into web applications

University of Illinois at Urbana-Champaign   Champaign, IL
Undergraduate Research Assistant   *May 2020—Oct 2020*
- Modeling social cognition with neural networks in C# at the Learning and Language Lab under Dr. Jon Willits
- Conceptualized and built resource distribution and world generation algorithms with Unity3D

LEADERSHIP & EXTRACURRICULARS

Illinois Labs
Co-founder, Lead Engineer   *Dec 2020—Present*
- Founded a student organization that builds solutions to student-needs with software (https://illinoislabs.org)
- Created values, recruiting process, and technical infrastructure. Designed and built organization website

Hack4Impact
Product Designer   *Jan 2020—Present*
- Designing software solutions for non-profit clients SaverLife, Collective Liberty, and Falling Fruit
- Building web and mobile applications with JavaScript, Express.JS, and React Native collaboratively

Illinois Founders
Software Developer   *Sept 2019—Present*
- Led the frontend development of a job board web application built along with five other engineers
- Architecting a new website and scoping projects to serve the University of Illinois startup community

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PROJECTS

Poke	**WASM Terrain Generator**	**Git-Get**
Built a SaaS for social media engagement with Python cloud functions and a React/Redux progressive web application.	A terrain generator using Perlin 2D noise implemented in C via WebAssembly and HTML5 canvas.	A simple GitHub profile analyzer built to gain insight for users and organizations. Built with React, Go, and Firebase.
https://github.com/poke-saas/poke	https://terrain.sirajchokshi.com	https://gitget.now.sh