

Shuyang Li

I want to use technology, design, and data-driven decisions to enhance the lives of individuals, build urban communities, and cultivate trust within societies.

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| Experience | Palantir |
| | 07/16 – Present Software Engineer |
| | <ul style="list-style-type: none">· Build time series analysis and monitoring product for clients across industries, enabling iterative analysis over petabytes of data points using Java and Typescript (React/Redux)· Directly contribute to winning enterprise contract with client by owning feature development of cohort-based time series aggregation workflows and delivering under tight deadline· Design and coordinate feature development across product and customer teams, and develop frontend to support near-realtime alerting on time series streams· Design and prototype new datastore and schema to replace non-performant legacy datastore for one of Palantir's largest customers· Participate in field visits and user interviews to design UX for surfacing events alongside time series data in analyses |
| | Apple |
| | 05/14 – 08/15 Software Engineering Intern |
| | <ul style="list-style-type: none">· Prototyped, developed, and released multiple internal products on iOS and macOS to improve software quality, using Objective-C, Ruby, Python, and JavaScript· Contributed to user interface and user experience design for multiple internal products· Released over 50 bug fixes across multiple Apple frameworks powering iOS and macOS |
| | University of Notre Dame |
| | 08/14 – 05/16 Teaching Assistant |
| | <ul style="list-style-type: none">· Tutored over 250 students in computer science concepts for Fundamentals of Computing I, Script-Based Programming, Data Structures, and Theory of Computing· Designed course content and assignments for Theory of Computing and Script-Based Programming |
| | iCeNSA |
| | 03/14 – 05/15 Undergraduate Research Assistant |
| | <ul style="list-style-type: none">· Developed multiple Android and web applications for healthcare monitoring and condition prevention using Java, PHP, MySQL, and JavaScript |
| | Education |
| | University of Notre Dame |
| | 08/12 – 05/16 B.S. <i>summa cum laude</i> , Computer Science |
| | <ul style="list-style-type: none">· Collaborated with the Office of the Provost to create Curricular Practical Training program to sponsor work authorization for international students· Created student safe ride program and mobile app with Notre Dame Security Police and Office of Information Technologies· Created career prep program for undergraduate CS majors with Notre Dame Career Center and Department of Computer Science and Engineering· Advised Department of CSE on undergraduate curriculum reform· Initiated creation of introductory Computer Science course for undergraduate student body· Represented undergraduate student body on University Academic Council, University Council for Academic Technologies, and College of Engineering Industry Advisory Council |
| Skills | Software Engineering: Full-Stack Development, User Interface Prototyping, System Design |
| | Languages: Mandarin Chinese; Java, TypeScript, C, Ruby, Python |
| | Art/Design: Design Thinking, Photography, Typography |