

Web Developer Web Developer Web Developer - DePaul University Work Experience Web Developer DePaul University - Chicago, IL July 2017 to Present Reference: Tanu Malik, Assistant Professor, 312-362-1121, tanu@cdm.depaul.edu Developing a responsive web-based tutorial for a cloud-based framework for enabling reproducible computational analysis called Sciunit-cli An in-progress demo of Sciunit-cli: <http://recordit.co/IPHzhDfc37> (URL of try.sciunit: <https://try.sciunit.run>) Developing the web-based client-side tutorial application with ReactJS, Redux, NodeJS, Electron and realtime WebSocket Using advanced web development tools to develop a web-based terminal emulator for presenting basic usage of Sciunit-cli Collaborating with peers, researchers and learning lower-level detailed code of Sciunit-cli through GIT, emails and regular meetings Graduation Project, DePaul University - Chicago, IL March 2017 to Present Developed a web interface for DePaul master student being able to generate a degree requirement path based on their class-taking preference Collected data efficiently in python and design and managed database Designed and developed algorithm in python and connect database, algorithm and front-end presentation (HTML, CSS, JavaScript and etc.) to one Django web application Graduation Project, DePaul University - Chicago, IL March 2017 to Present Worked on TCP programming with sockets API for transferring packets between multiple clients and server for this chat software Handled the asynchronous issue of distributed system through this project with multi-threading programming Web Developer/Research Assistant Applied Philosophy of Science LLC - Chicago, IL January 2017 to Present Reference: Joseph Phillips, Adjunct Faculty, 773-746-2821, jphillips@cdm.depaul.edu Developing a client-side web application which present and manage science knowledge databases Using web development tools - MERN stack - MongoDB(database), Express, ReactJS, and NodeJS and WebSockets to develop a RESTful API Optimizing, tokenizing and parsing a programming language called Struct Processing which supports applied science justification Managed all developing program files and documents with GIT (Gitlab.com) Python Web Developer Intern RB Technologies - Chicago, IL September 2016 to March 2017 Reference: Mark Patel, Manager, 312-593-2730, marketing@rbtrader.com Developed on a client-side database tool interface for non-programmers to manage database easier in a

high-level environment such as webpage Back-end & Front-End: JavaScript, Ajax, HTML, CSS, Flask (Python Framework), MySQL workbench, PyMySQL Library, Bootstrap, X-editable

Improved RB Trader's official page's user responsiveness by modifying existing code of original Ruby-on-Rails-based web application Used GitHub to manage code version and collaborate with peers

Software Quality Assurance Analyst and Testers Eskalate Technology Co., Ltd - Chicago, IL July 2016 to January 2017 Reference: Robert Cao, CEO, 909-438-8885, robertcao@eskalate.com

Wrote test cases for test target prior to start testing process, designed test plans, scenarios, scripts, and procedures for web and mobile products Documented software defects, using a bug tracking system, and report defects to software developers using Assembla.com(similar to Jira)

Collaborated with engineering and design teams to create detailed test cases, test plans, and acceptance criteria Participated in product design reviews to provide input on functional requirements, product designs, schedules, or potential problems.

Database Programmer University of Illinois at Chicago - Chicago, IL May 2016 to September 2016 Reference: Xiaochen Chen, Research Assistant, 312-366-0804, xchen203@uic.edu Collected data with Python, URL library, BeautifulSoup library, csv library and regular expression from Regional Transportation Authority Mapping Statistics (RTAMS) Designed, created and managed a database using SQL Language and MS Access Designed and produced database tools using SQL and PL/SQL for research data analysis Assisted researchers with no programming background understanding how my database tools works

RECENT PROJECTS Education Bachelor of Computer Science in Software Development DePaul University - Chicago, IL September 2014 to June 2017 Skills DATABASE (1 year), JAVA (1 year), CSS (1 year), FRONT END (1 year), FRONT END DESIGN (1 year) Links <https://www.linkedin.com/in/qili-sui-981082a8> <http://github.com/chilliyo> Additional Information

TECHNICAL PROFICIENCIES Web Development: REST, SOAP, NodeJS(skilled), ReactJS(skilled), Angular2(skilled), Django(skilled), Flask(skilled), RoR(skilled), Bootstrap(Advanced), AJAX(skilled), WebSockets(skilled), ASP.Net(basic), .NET(basic), HTML & CSS(advanced) Programming language: Python, Java(advanced), SQL(advanced), PL/SQL(advanced), JavaScript(advanced), C#(skilled) Database & Analysis: Access/SQL

Developer/MySQL(advanced), PostgreSQL/SQL (advanced), SPSS (basic), Mango DB
Programming Environment: Xcode(advanced), Visual Studio(skilled), ArcGIS(basic), Amazon Web
Service(basic) Documents & Presentations: Word (advanced), Excel (advanced), PowerPoint
(advanced) Art & Design/Front-end Tools: Adobe Photoshop (skilled), ArcGIS (basic mapmaking),
Creative Suite(basic) Bilingual Chinese/English: speak, read and write fluently.

Name: Jacob Ayers

Email: hendersonbrandon@example.com

Phone: 289.801.4949x5943