

David Chen

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Education	Rutgers University, New Brunswick, NJ <i>B.S. in Computer Science, expected May 2018 · Dean's List Recipient</i> Relevant Courses: Data Structures, Design of Algorithms, Systems Programming, Data Management, Computer Architecture, Artificial Intelligence, Programming Languages, Discrete Structures I and II	Sept. 2014 - present
Experience	Front-End Developer HackRU Spring 2017 · Worked with designers and back-end developer to refresh the website for Rutgers' 12th hackathon · Debugged issues during staging and production, and applying hot fixes when necessary · Utilized Bootstrap as a framework, along with custom CSS/JS, and GitHub for version control · Over 1400 registrations for HackRU conducted on the website successfully within one week	Feb. 2017 - Apr. 2017
	Help Desk Assistant Rutgers UBHC · Provided software and hardware troubleshooting and technical support for students and staff · Performed reformat, installations, updates, and encryption on Windows and Mac OS	Sept. 2014 - May 2016
Projects	Schedru schedru.me <i>PYTHON · FLASK · POSTGRESQL · SQLALCHEMY · TWILIO API · MAILGUN API · AWS · BITNAMI</i> · Flask web app that notifies students instantly if a closed course opens up for registration · Sensitive user data is hashed with bcrypt and routing views are managed within the app · Uses request sessions to automatically register wanted courses for users	
	Rideshare git.io/vHMNa <i>JAVA · JSP · MYSQL · APACHE TOMCAT · AWS</i> · An Uber-like web app that matches drivers with passengers going to the same campus or class · Handles permissions, queries, settings, and views for three account types: admin, support, or user	
	Pathfinder git.io/vHMSt <i>PYTHON · PYGAME GUI</i> · Finds the least costly path between two cells within a discrete grid world full of different obstacles · Implemented A* and uniform cost search algorithms using heuristics like Manhattan and Chebyshev	
	Ordin git.io/vHMdQ <i>NODE.JS · EXPRESS · TWILIO API · CLARIFAI API · EATSTREET API · AWS</i> · Uses image recognition APIs to accurately detect the type of food within a picture and order it · Developed as a team at HackNY Fall 2016 and winner of the "Best Use of AWS" award	
Skills	PROGRAMMING: Python, Java, Javascript, C LIBRARIES & APIs & PLATFORMS: Flask, Selenium, Twilio, Mailgun, Apache, AWS, Heroku, Bitnami MARKUP & TEMPLATING: HTML, CSS, Bootstrap, SASS, jQuery, Jinja QUERYING: SQL, XQuery, XPath TOOLS & IDEs: Git, Bash, Cmdr, PyCharm, IntelliJ, Sublime Text, Eclipse, Latex	