

David Chen

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Education	Rutgers University, New Brunswick, NJ	Sept. 2014 - present
	<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	
Experience	Front-End Developer HackRU Spring 2017	Feb. 2017 - Apr. 2017
	<ul style="list-style-type: none">· 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	
	Help Desk Assistant Rutgers UBHC	Sept. 2014 - May 2016
	<ul style="list-style-type: none">· Provided software and hardware troubleshooting and technical support for students and staff· Performed reformat, installations, updates, and encryption on Windows and Mac OS	
Projects	Schedru schedru.me	
	<i>PYTHON · FLASK · POSTGRESQL · SQLALCHEMY · TWILIO API · MAILGUN API · AWS · BITNAMI</i>	
	<ul style="list-style-type: none">· 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>	
	<ul style="list-style-type: none">· 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>	
	<ul style="list-style-type: none">· 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>	
	<ul style="list-style-type: none">· 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	
	view all projects at chen-david.com	

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