

RESEARCH ASSISTANT RESEARCH ASSISTANT RESEARCH ASSISTANT - Research Foundation of The City University of New York Brooklyn, NY Work Experience RESEARCH ASSISTANT Research Foundation of The City University of New York - New York, NY September 2018 to Present Lead developer of an educational game to teach introductory programming. "Code Control" is a 3D online game that incorporates pathfinding AI, a real world physics engine, MongoDB, asynchronous requests, a custom REST API, and the Judge0 API setup in a Docker container. Judge0 provides real-time code execution with support for over 40 languages. Players' performance data is aggregated to allow for research evaluations. Received project funding from SIGCSE (Special Interest Group on Computer Science Education). <https://rpantaev.com/codecontrol2019> COLLEGE AIDE SOFTWARE DEVELOPMENT INTERN MTA - NYC Transit BusTech Division - New York, NY June 2018 to October 2018 Assisted the lead developer on the next generation MTA BusTime mobile app. Implemented a routes feature that displays buses with real-time positioning on the map. Performed preliminary cross-platform testing on Android & iOS. Lead developer of a proof of concept web app for accident reports. WEB DEVELOPER Brooklyn, NY May 2015 to May 2018 Redesigned a website that helped a client achieve a 20% increase in revenue. Implemented SEO to generate organic traffic. Education B.S. IN COMPUTER SCIENCE in one course CUNY Brooklyn College - Brooklyn, NY Skills C#, Git, Javascript, Node.js, Reactjs

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