



KENNETH K. YUAN

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Education	<p>Columbia University in the City of New York Graduating: May 2020 <i>B.S. Computer Science, Psychology Minor</i> » Artificial Intelligence, Files and Data Bases, Advanced Programming, Honors Data Structures // GPA: 4.024</p>
Industry Experience	<p>Google Inc. Jun 2018 – Aug 2018 <i>Software Engineer Intern, Ads Team</i> » Implemented features for the new Ads Human Evaluation user interface, including a navigation widget, a label reordering functionality, and a study management system to interface with datastores and let users manage their own experiments. » Contributed to the open-source ACX material design components gallery for AngularDart. » Taught JavaScript to rising college freshmen at the annual Google LAX Computer Science Summer Institute.</p> <p>Western Digital May 2017 – Aug 2017 <i>Software Engineer Intern, Operations Technology Team</i> » Revamped web portals for checking machine statuses. Worked with Operations teams to A/B test. » Fixed status report file sharing system to ensure real-time updates from manufacturing lines.</p> <p>Bevite, Inc. Feb 2017 – Aug 2017 <i>Frontend Developer Intern, Product Marketing Team</i> » Redeveloped key marketing sites and added new functionality, ranging from search to custom animations. » Created a meeting scheduling system to streamline the appointment-making process with HR.</p> <p>Spectator Publishing Company Sep 2016 – Feb 2017 <i>Frontend Developer</i> » Migrated news and multimedia content from Drupal to Ellipsis, working closely with the Washington Post dev team. » Developed interactive layouts, internal tools, and dynamic web content for publishers and writers to use.</p>
Community Involvement	<p>Columbia University Computer Science Department Sep 2018 – Present <i>Instructional Assistant</i> » Hosted weekly office hours and graded exams for ENGI E1006 (Introduction to Computing for Engineers and Applied Scientists), a computer science course in Python. Worked under professors Daniel Bauer and Lawrence Stead.</p> <p>Density May 2018 – Present <i>Columbia ADI Labs Team</i> » Worked on web app that estimates how full study spaces on campus are using a live feed of Wi-Fi access data.</p> <p>Duro UAS Jan 2017 – May 2017 <i>Columbia ADI Foundry Team</i> » Implemented a data visualization tool using D3.js (Data-Driven Documents) for employees to easily view real-time data from underwater drones while conducting environmental research. Worked with team in Columbia's App Dev Initiative.</p>
Personal Projects	<p>Project Aug 2017 » Led front-end development and Firebase integration for Project, a tool which allows users to screenshare drawings from an iOS app to other users' browser screens with a unique and restricted access code.</p> <p>Selfie Activism Feb 2017 » Created an app that lets users send postcards to local reps about political issues. Won 1st place at Columbia DevFest.</p> <p>Cite Site Feb 2015 » Created a web app in JavaScript and PHP that automatically generates annotated bibliographies by scraping websites and auto-summarizing articles via an NLP library. Featured as a "Staff Pick" on DevPost.</p>
Skills	Java, HTML, CSS, JavaScript, Dart, C, C++, Python, Git, SQL, PHP