

Education

New York University <ul style="list-style-type: none">B.A in Computer Science and Data Science (joint major)	Expected June 2023 GPA: 3.91 / 4.0
University of California, San Diego <ul style="list-style-type: none">Transferred out	2019.09-2020.06
Relevant course works <ul style="list-style-type: none">Data StructuresObject-oriented Programming (C++)AlgorithmsComputer Systems Organization and Introduction to ArchitectureUnix toolsLinear AlgebraDiscrete Mathematics	

Projects

Courum.com, an online course forum for UCSD students <ul style="list-style-type: none">Worked as the Tech Lead in a team of 5 developers and 2 UI designers.Facilitated the design of a clean and responsive user interface using React and Material UI.Implemented robust user registration and password retrieval system using Feathers.js.Optimized efficiency using AWS S3 and MongoDB to store file and text data separately.Implemented APIs for client side to interact with MongoDB database.https://www.courum.com	2019.11 - 2020.03
Outline VPN Management Panel, a platform to provide free Outline VPN <ul style="list-style-type: none">Implemented a highly responsive and dynamic frontend with React and Material UI.Resolved the CORS problem caused by Outline's API by using Feathers.js as a proxy server.https://vpn.7debate.club	2020.06 - 2020.10
Earthquake Monitor, an android app to track global earthquake events <ul style="list-style-type: none">Minimized development and maintenance cost by using React Native.Optimized program boot speed by 70% by caching.Designed immersive light and dark mode following system settings.https://github.com/dekunma/EarthquakeMonitor-ReactNative.	2020.07 - Present
IntelliBear Frontend, the web interface for a market forecasting app <ul style="list-style-type: none">Worked as the Tech Lead in the frontend team of 3 developers and 1 UI designer.Provided smooth navigation between pages using Redux to cache data.https://github.com/dekunma/IntelliBear-Frontend-personalCopy	2020.04 - 2020.06

Experience

Technical Chair, UCSD Chinese Computers Community (Triple C) <ul style="list-style-type: none">Managed 10 student projects, advised them on technical issues.Provided technical support and workshops for the whole community.Transferred and merged six servers of the community into three new servers, reduced monthly cost from \$70 to \$25.Designed and managed 4 educational projects, including study guide and final projects. Provided them office hours each week.Designed 3 different assignments to formalize the community recruiting process: (https://github.com/dekunma/TripleC_20Summer_PreAssignments)	2020.01 - Present
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Skills

Programming Languages: Java, C++, JavaScript, Python, C, X86 Assembly, RISC-V Assembly
Skills and Framework: React.js, React Native, Express.js, Feathers.js, MongoDB, Mongoose, AWS, Docker, Git, HTML/CSS, Unix System, Figma
Languages: English, Mandarin