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| <div>Kimberly Cao</div> | | Computer scientist and statistician eager to collaborate and apply learned concepts to real-world problems, while gaining new skills and knowledge. |
| Personal Information | Experience | |
| <div>E-mail</div> <div>kimberly.cao13@gmail.com</div> <div>GitHub</div> <div>https://github.com/kimberlycao</div> <div>Website</div> <div>https://kimberlycao.com</div> | <div>Citylitics Full Stack Developer Intern2021</div> <ul style="list-style-type: none"> Implemented RESTful APIs using Django to allow for storage of consumer data, leading to 30% increase in size of key dataset in approximately 90 days Re-architected querying engine using React, CSS, and Redux leading to 150% productivity increase <div>UTM Robotics Club Project Manager & Developer2021 – Current</div> <ul style="list-style-type: none"> Developed project timelines that aligned with the club’s event plans Communicated milestones, deliverables, and change requests with other members of the executive team and event partners Contributed to the development of the competition infrastructure and the Battlecode 2021 game | |
| Frameworks and Tools | Projects | |
| <ul style="list-style-type: none"> Flutter Bootstrap Figma React Django NumPy | <div>Deerhunt Infrastructure UTM Robotics Club2021</div> <ul style="list-style-type: none"> Automated the computation and scheduling of 3000+ matches between 510 iterations of AI players for 20+ teams of 2-4 students through Docker, React, Python, and Flask <div>Talker Hack the North 20212021</div> <ul style="list-style-type: none"> Designed a mobile application that aimed to assist speech language pathologists in diagnosing their patients with challenges in their speech (e.g. disfluencies, interjections) Implemented using Flutter, Flask, and Google Cloud Platform’s App Engine <div>Prodcugive Hack the North 20212021</div> <ul style="list-style-type: none"> Collaborated with a team to design an app aimed at boosting productivity by donating a user-determined amount of money to charity if goals are not reached Implemented using Dart and Flutter with user and session information stored in an SQL database and Firebase Authentication to allow for account creation & sign-in Facilitated payments using Go and the Stripe API <div>TrackKitchen Personal Project2020</div> <ul style="list-style-type: none"> Designed an inventory app using Dart and Flutter that allows users to login, add items from their kitchen, and view items that are stored in their pantry, freezer, or refrigerator Utilized the Firebase Authentication SDK to allow users to sign-in with Google Stored user’s food items in Cloud Firestore and allows multiple users to view the same food items if they share a kitchen | |
| Languages (Proficient) | Education | |
| <ul style="list-style-type: none"> Python JavaScript Dart | <div>University of Toronto2016 - 2022</div> <ul style="list-style-type: none"> Bachelor of Science pursuing a major in Statistics and minors in Computer Science and Mathematics | |
| Languages (Familiar) | | |
| <ul style="list-style-type: none"> HTML CSS Java SQL | | |
| Soft Skills | | |
| <ul style="list-style-type: none"> Communication Teamwork Organization (Agile) | | |
| Tools and Infrastructure | | |
| <ul style="list-style-type: none"> Command Line Git PostgreSQL | | |