

# TEAM DATA

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## INTRODUCTION

In the CSCD01 Winter class of 2020, Team Data will be working to contribute to the open source project **VSCode** (hopefully).

The goals of the team are to work on a big existing feature, or create a new one that will improve the lives of developers. As we use VSCode on a daily basis, we would love to have this merged into the master branch, and that would make us really proud of our work.

The team's strengths are mainly centered around Web Development, and since VScode runs mainly on Typescript, it fits right under our toolbelt. Other team strengths include that we have all worked in the real world, and have practical experience with version control systems, writing proper code, and working in teams. Moreover, we all have practise in agile development, and have worked with APIs and large amounts of data in the past. Thus, understanding the code base should not be a very difficult task.

We will use these strengths to do our best in CSCD01 and contribute something meaningful to the VSCode repo.

## MEMBERS



**ALVIN TANG** - Hello! I am a fourth year Computer Science student specializing in the software engineering stream. Before starting university, I had a keen interest in web development which has propelled me to gain the experiences necessary to place me where I am today. These experiences include my co-op work terms at Public Services and Procurement Canada as a Web Developer, and OpenText as a Software Developer, respectively. I have also participated in clubs at the university, most notably as a Vice President of Information Technology at LIVE Competition where I led a team of eight developers. With the combined experience, I have worked with over 10+ frontend and backend frameworks, with experience in CI/CD, containerization (e.g. Kubernetes), and cloud services. I look forward to gaining more experience with software development team processes and contributing to the open source community that I usually rely on.



**JEFFREY LI** - I am a fourth year undergraduate in software engineering. I have always had an interest in computer science since high school, having developed Windows applications and games in Visual Basic, participated in coding competitions and hackathons. I am proficient in Python, Java, and C#. From my previous DevOps experience at CaseWare, I have gained some basic understanding of build automation and CI/CD pipelines. As a DevOps Developer, I took part in the development of an automated build pipeline for CaseWare Cloud's servers using Jenkins and Ansible. I took part in scrum meetings and pair coding sessions. I really enjoyed the idea of developing a system to help put forward new versions of a widely-used online platform.



**DHARMIK SHAH** - I'm currently in my 4<sup>th</sup> year studying Computer Science at UTSC, and I have always had the self-motivation to learn new technologies on the web. I was able to learn the web suite and develop my own website, and develop numerous other self projects. I was employed as a Software Development Intern at Index Exchange, where I worked on tasks using Golang, Javascript, and really around the full stack. We worked in a small team to build a product used by many Ad Exchanges in the world. We followed an agile methodology when developing software, so I'm sure I can take all I have learned over the years, and real world experience, to help in the development of the task we are about to do.



**JEFFREY SO** - I'm in my 4<sup>th</sup> year undergrad studying Software Engineering at UTSC and have always had a passion for computers and motivation to learn how to build my own apps. I have developed my foundation in automation through bash scripting and Ansible from my employment at CI Financial and IFDS, along with Web Development, with environmental exposure to Full Stack Development at Fidelity. Utilizing agile methodology and additional work experiences that I have learned under my belt, I'm confident in my ability to work with my team in an efficient manner to produce a quality product.



**Jimmy Pang** - I am a 4<sup>th</sup> year student at UTSC studying Computer Science and specializing in software engineering. I have a strong foundation in front-end and web development from my experience at Caseware International and SCI Marketview. I have experience in Java, Python, C, as well as agile methodology and teamwork skills. I am very confident in working together with the team to efficiently create a good product.

## OVERALL TEAM STRENGTHS

1. Real world developmental experience and exposure to agile/DevOps practices, as well as a drive to learn new technologies to perfect the product
2. Strong in Python, front-end web development, and UI/UX design
3. Able to work with API's effectively to gather data and reformat as appropriate.
4. Able to work with large sections of code. Ability to work efficiently and under time constraints.



## TEAM AGREEMENT

The following is a list of guidelines that we must each member in the team should abide to. It has been agreed upon by each individual and as such, should be used as a cheat sheet if one ever forgets their role in the project. Here are a list of the tasks/engagements we deemed necessary to include here, and their suggested solutions.

### I. Methods of Communication

#### Messenger:

- Emergencies
- Reminding of group meeting / important contact

#### Discord:

- Regular team communication
- GitHub push updates
- Meeting planning
- Stand-ups

### II. Communication Response Times

#### Messenger:

- Within an hour

#### Discord:

- Within 24 hours (PR Reviews: 6 Hours), Meeting Responses 1 Hour.

### III. Regular Meeting Times + Attendance + Running Meetings + Preparation

#### Meeting Leader:

- Dharmik

#### Regular meeting time(Friday: 3:00pm - 4:00pm ):

- **Team Meeting:** 3:00pm-3:30pm
- **TA Meeting:** TBA

#### Attendance:

- **In-Person:** Dharmik, Jeffrey So, Jeffrey Li, Alvin, Jimmy

## IV. Version Control

### Git:

- Work of your own branches
- Proper Name of Branches and Commit Messages
- Request appropriate people for review for PR
- Never force push
- Never push to master

## V. Division of Work

Get your ticket done on time. We will discuss as a team to separate the tasks.

## VI. Submitting Work

### When to submit:

- At least two days in advanced, but keep pushing to your branches on github to be safe

### Who will submit:

- One person submits after everyone reviews

### Who will review the submission:

- One person will check if the person actually submitted

## VII. Contingency Planning

- If a team member drops out, the rest of the team will do more work
- If a team member is sick for a significant period of time, we will still assign him a small portion of the workload
- If we are unable to complete the ticket, we must let everyone know so that we can plan around it.
- If a team member consistently misses meetings, we will talk to him as a group, then talk to TA if we cannot resolve the issue.
- If a team member is academically dishonest, we will talk to TA and Prof

## CONTACT INFORMATION

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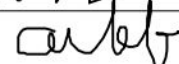



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We accept these guidelines and intend to fulfill them (sign below):

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## Team Data sharing a meal

