

CSCD01 Team 21 Deliverable #0

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Zhu

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0.1 Introduction

0.1.1 Team Info

Team name

Bug Writers

Team Goal

As a team, we will do our best to find and fix bugs in free open source projects so that the software can have better robustness. We will try our best to write a clear design and patch the bugs correspondingly.

Team strengths

Xingyuan Zhu: Familiar with SQL, C, Java, Python, and JS. Very comfortable in Git.

Chengrong Zhang: Familiar with Java, Python, C, and JavaScript. Have used some frameworks such as Spring. Comfortable with git and svn

Zhongyang Xia: Experience with Linux/*nix toolchain, familiarity with several programming languages, e.g., Python, Java, JavaScript, and C. Confidence in several frameworks.

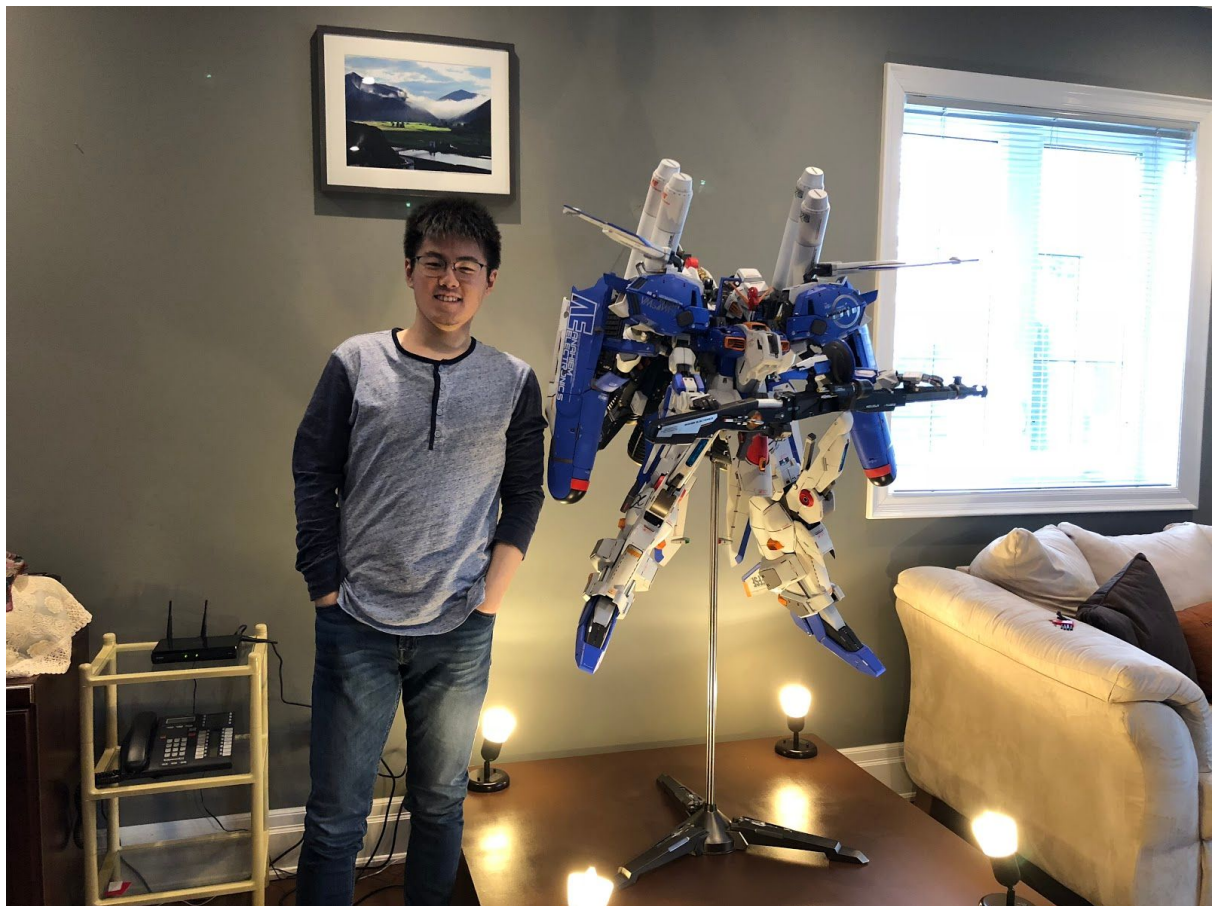
Tan Jiaxin: Fast learner in math, experience with Python and Haskell.

Zongye Yang: Lots of experience with Python and Java, experienced in version control with Git and familiar with the Agile framework. Excellent as a team member in a software development setting.

0.1.2 Team Members

Tan Jiaxin

My name is Tan Jiaxin. I am currently a 4th-year undergraduate student in the computer science program, software engineering specialist at UTSC. I have worked with a development team to create a chatbot for DFS. I am interested in algorithm design, and I am a quick learner of math-related stuff. For technical skills, I have experience developing with Java, C, C++, Python, SQL, Haskell, Racket, JavaScript, HTML, CSS, IBM Watson, MATLAB, Assembly, Shell Script, and Android studio. Also, I am skilled in Unix/Linux, data analysis, and machine learning. Among all, I mostly like to deal with Python, Java, MATLAB, and SQL databases. Finally, I feel comfortable to work as a team; I enjoy being a member of the team, and I prefer to solve the problem as a group together. I'm glad to work with all of you in the next ten weeks, and I believe with our programming skills, we will achieve success in this course.



Zhongyang Xia

My name is Zhongyang, a current 4th year student at UTSC CS, Software Engineering stream specialist. I have taken two co-op work terms, one at Bilibili, Shanghai and another at Google, Mountain View. I am most interested in web development and cyber securities. I keep trying to stay tuned with industry trends in order to be able to deliver the most modern and robust product. I also have experience in serving as a system architect, being able to deliver several successful products in the industry. I am very glad to work with the team this term and let us deliver the best product.



Zongye Yang

My name is Zongye(Andy) Yang, I am a 3rd-year computer science student from UTSC in the co-op program. During my last work term, I worked with the University of Toronto FAS IIT AppDev team and I helped them maintain the CHASS Data Centre which developed my skills in database administration with PostgreSQL, Linux administration on a Redhat server, and coding in Perl and Python. I also became a better team member and communicator thanks to interacting with my team on the job. I am a hard worker and I have developed good coding practices throughout my experience in software development. I am proficient in Python, Java, C, etc. I am a quick learner, as I have had to learn new things such as the MERN stack for my previous projects. I am also experienced with using Git, Jira, and the Agile framework. With these abilities, I am confident that I can help my team produce an amazing project.



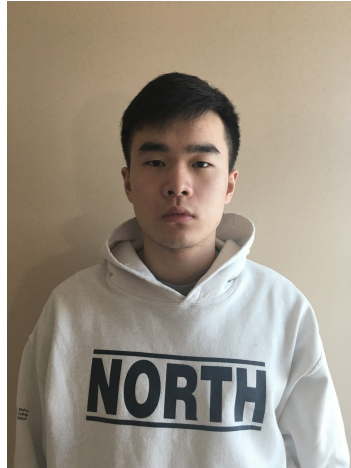
Chengrong Zhang

My name is Chengrong Zhang, I'm a 4th year student, specialist in computer science, software engineering stream. I worked at ZTE last summer, during the term, I participated in developing a web platform for simulation. The platform is using Spring as a backend so this helps me a lot on practicing Java and the framework. Also in my previous projects, I have experience with Python, MySQL, JavaScript and C. After all of those programming experiences, I'm very comfortable with web and network programming and I'm very enjoying these things. Version control is very important for software engineers, so git and SVN is not a big deal for me, I learned many skills from previous works. After all, I believe I'm a team worker. I really enjoy working as a team. I enjoy getting assigned to some work and completing it. I'm glad to be in this team and I believe we will have a great project.



Xingyuan Zhu

My name is Xingyuan Zhu (Tylar). I am a 4th year student specialist in computer science software engineering stream. I work with my C01 group to develop a Registration System for the government immigration department. Through that term, I learned a lot about Java and teamwork. Moreover, I took C43 and with my partner, we developed a database system similar to Airbnb. Therefore, I got a lot of experience in SQL and Java. Thanks to my teammates and my TA, I am better at communication and cooperation in my team. Through these teamwork and programming experience, I am comfortable in finding bugs in the backend or Java. Overall, I believe I can finish the work that it is assigned to me and enjoy the project that we are working on.



0.2 Team Photo



0.3 Team Agreement

Method of communication

We are going to use school email, and we will use WeChat to communicate with each other.

Communication response times

We will use Discord daily and expect a response within 2 hours. We expect a reply to our emails within 1 day from the time we sent it.

Meeting attendance

We will meet every Monday at 2PM, these are all mandatory.

Running meetings

Meetings will be held in IC406 every Monday at 2PM face-to-face. Andy will take minutes.

Meetings preparation

Meetings will focus on what we need to do for the deliverables. It will also be for raising questions or concerns.

Version controls

We will use Git for our version control and GitHub as the hosting platform. We will commit only our source code and files needed for the code. We will let the developers code on their own develop branch, and when it is approved we will merge it back to master. Commit messages should be meaningful and descriptive.

Division of work

We will use Trello for project management and to assign tasks to people. Tylar will lead the group discussion that decides who does which task.

Submitting deliverables

We will have the pull request for our develop branches ready before Sunday. On or before Sunday we will have every group member review the pull requests and make sure they are good. Tylar will make the final approval on the pull requests on GitHub.

Contingency planning

If a team member drops out, then they must communicate with everyone in the group as soon as possible at least 3 days before the end of the sprint. We will divide up the remaining tasks as best as we can between the rest of the members.

We will present the code review and try our best to avoid academically dishonest. Unfortunately, if we did not find out but TAs or instructor found out. We will talk to that person, ask him to change his part and see the instructor immediately.