

CSCC01: Deliverable 1



TEAM BITS: AN INTRODUCTION



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1 Introduction



Members from Left to Right (about to enjoy our favourite treat, Timbits): Susan Wang, Riaz Charania, Philip Zhang, David Huang, Dann Sioson

Team Bits is a group of passionate students at UTSC consisting of a wide pool of talent within the field of Computer Science. We are a diverse group of individuals who specializes in a variety of different streams, from a core of aspiring software engineers, to specialists in comprehensive computer science and information technology. Our members are exposed to a variety of available technologies, such as Android development and Jupyter, with fundamental understanding in languages such as Python, Java, and C.

Team Bits strives to develop an efficient and user-friendly application to generate annual reports for the TEQ. These reports will help identify the needs of newcomers, address settlement issues, and improve current services offered. Our main goal is to build community engagement in Scarborough and to make newcomers feel welcome in their new home as a result from our software.

2 Members Biographies

2.1 Dann Sioson

GitHub: obDann



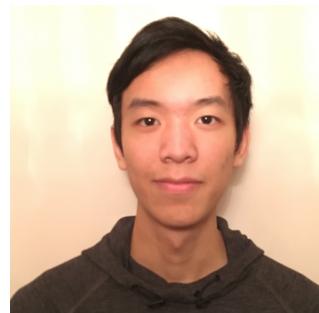
Dann Sioson is a management and information technology specialist who is in his final year at UTSC. Dann's career origin began in high school when he took an introductory computer science course, and had a mindset to study business. He later got accepted to UTSC's management co-op program, and as time progressed, he was compelled to study the depth of computer science and operations research. He took advantage of the co-op program by doing placements within industries like pharmaceuticals and aerospace to generate long-term operative efficiency using technology.

Immediately following his co-op terms, he was introduced to the field of data science. He eventually took on a business case with the challenge of strictly using Python, requiring statistical analysis and the development of a machine learning tool for an organization. Dann's further pursuit in education involves micro-economic analysis for optimal business decisions, and statistics to capture behaviours of business stories.

2.2 David Huang

GitHub: davidhjh

David Huang is a third-year student at the University of Toronto Scarborough campus. He is studying computer science in the software engineering stream. David's interests in computer science varies between each field, but he is mostly invested with software which eventually lead him to pursue software engineering. His interest in computers began when he was younger because of his fascination of the internet and technological advances. He has completed many projects using programming languages such as Python, Java, SQL, CSS, HTML, JavaScript and C. A few examples of those projects includes creating an Android app using Java, and creating a website which required the use of SQL to hold information in databases. David does not currently have any work experience but for the upcoming year, David will be participating in UTSG's PEY co-op program where he will be seeking a 12-16 month internship relating to computer science.



2.3 Philip Zhang

GitHub: Veracities

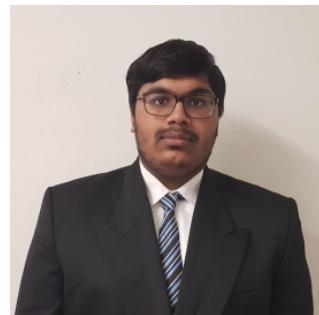


Pin Yao (Philip) Zhang is a third-year student at the University of Toronto Scarborough studying computer science specializing in software engineering. He has been a fan of video games ever since high school and because of this interest, he has decided to explore the world of technology, specifically computer software. Throughout his academic career at UTSC, he has completed many projects using Python, Java, HTML, CSS, JavaScript and C. On top of that, he has hands-on experience with Android development from a course he was taking in university. Philip has worked at Toyota Canada Inc. for his four-month co-op term and worked with SQL queries for data collection. In his free time, he would work out at the gym and would play video games to loosen himself. Currently, he is interested in pursuing full-stacks development where he can gain back-end and front-end experience, ultimately helping him decide his career path when he graduates.

2.4 Riaz Charania

GitHub: RiazCharania

Riaz Charania is a third-year student at the University of Toronto Scarborough doing a comprehensive specialist stream in computer science. He has a proficient understanding of Java, Python, and C from both school and personal projects, and has gained some experience with Android, SQL, and Verilog throughout his academic career. Inspired by video games, he's been interested in programming since middle school, creating simple video games or text-based adventure games for him and his friends to enjoy. His passion for working on projects and seeing results of hard work has lead him to pursue his degree. After completing his comprehensive stream, he plans to continue to learn more about the field. More specifically, he is interested in the extensive world of artificial intelligence and its modern applications and limitations. In his spare time, he enjoys playing board games and video games with his friends.



2.5 Susan Wang

GitHub: SusanWang98



Susan Wang is a third-year student in the computer science software engineering stream at UTSC. She developed an interest in computer science since she was a freshman in high school. By gaining plenty of programming experience throughout her high school years, as well as her two years at university, she learned how to code in several different languages, such as Java, Python, and C. She also gained some experience working with mySQL and interacting with databases using SQL commands. Although Susan does not currently have any work experience, she dedicates her time to improve academically, while actively seeking to learn new skills. Susan has been named to the University of Toronto Scarborough Dean's List for two consecutive years. For the upcoming summer, Susan plans to seek an internship in order to gain useful work experience before she graduates.