



# Alexander Cheth

Team player with a can-do attitude, a curious mindset, and eager to constantly absorb new knowledge. Has developed several applications, including a visual progress reports.

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## TECHNICAL SKILLS

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**Programming Languages/Database:** Java, C#, MySQL, HTML, CSS, and JavaScript

**Tools:** Confluence, Eclipse, Git, JIRA, Perforce, SQL Toad, Sublime, Unity Engine, and Visual Studio

**Agile Methodologies:** Scrum and Kanban

## WORK EXPERIENCE

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### Software Developer Co-op

03/2017 – 09/2017

SAP America

Newtown Square, PA

- Developed the front-end of a feedback hub application using SAP Fiori (HTML, CSS, and JavaScript) to collect user feedback for 25+ different SAP internal services.
- Built a backend for service review app that reduced 8+ hours spent filling out weekly reports for 30+ internal teams and provide analytical data of the team progress to the managers – including RESTful API using Jersey (Java) with SQL integration.
- Wrote Visual Basic and PowerShell scripts to completely automate testing for internal applications, saving 20+ hours of engineer time spent on testing each week and producing 20+ bug reports.

### Application Support Developer Co-op

03/2016 – 09/2016

Susquehanna International Group, LLP

Philadelphia, PA

- Developed an automatic TCP and UDP test script in Python that checks 200+ remote machines connections to 50+ customer's servers to ensure stock data are accessible during trading hours.
- Built a deployment application using WPF in .Net C# that reduced deployment errors for 20+ teams by error checking, compare previous deployment setup, and execute deployment scripts.
- Enhanced internal visualization apps with new features to display custom graphs for stock traders using JavaScript and SQL.

## PROJECTS

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### Virtual Reality Stealth Game (Top 4 in Drexel Project Competition) | C#, Unity Engine, Visual Studio

Collaborated with Drexel Virtual Reality department to develop a co-op virtual reality game that uses only one VR headset to reduce the need of having multiple headset to play a multiplayer game.

### Drexel Class Scheduler | Java, MySQL, Android Studio

Built an Android application allowing Drexel students to select courses they want to take for their next term and then use those select courses to provide all the possible schedules students can choose from.

### Skin on Me (Hackathon project) | NodeJS, BlueMix, IBM Watson

Developed a mobile app allowing the phone to scan the skin and determine what potential skin disease the person may have using machine learning through IBM Watson and use MongoDB to store and retrieve data.

## EDUCATION

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### Drexel University

Bachelor of Science in Computer Science

GPA: 3.4

Graduated: June 2018