

Tommaso Pieroncini

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OBJECTIVE

To obtain a summer Co Op or internship opportunity in software development and/or mobile app development. I look forward to using my problem-solving skills in a professional environment and to keep learning while on the workplace.

EDUCATION

Georgia Institute of Technology, Atlanta, GA

May 2019

- Candidate for Bachelor of Science in Computer Science: **4.00 cumulative GPA**

Liceo Classico "Giovanni Berchet", Milan, Italy

Sept 2010 – June 2015

- Graduate with Honors (Valedictorian in the US); ECDL certificate (European Computer Driver's License)

High school year abroad at Ronan High School, Missoula, MT

Sept 2013 – June 2014

SKILLS

Programming:

Proficient in Java, Python, SQL, PHP, HTML, CSS, Git. Introductory level in C++, JavaScript (Node.js). (GitHub: <https://github.com/TommasoPieroncini>)

Software:

Eclipse (Java 7, 8), Android Studio, MySQL, Amazon WS (AWS) Linux VM, Sublime.

Communication:

Presentations, research papers, group work, oral tests, writing skills; I've tutored for Greek, Latin and Physics.

Spoken languages:

Italian, English. Introductory level Spanish.

Other languages:

Ancient Greek, Latin.

Athletics:

Lake kayaker, Varsity Tennis player.

Affiliations:

Phi Kappa Theta Fraternity, Technique (GT Newspaper), RoboJackets, Info Security Club, Big Data Club, GT Hackers.

PROJECTS

SwampHacks at the University of Florida

Spring 2016

- Led a team in the development of a **Schedule Generator** for registering college students which maps out a set of different possible schedules. Data fed to **Java algorithm**, output stored into a **MySQL** database on a Linux VM, Amazon Web Services (AWS); user interface for input/output implemented with **an Android app and a Web app**.

HackATL at Emory University

Fall 2015

- With a team, developed a **cloud sharing service** for recruiters that allows quick exchange of professional data with applicants through a simple **handshake**. Interfaces on an Android app and on a web app (ASP.net).
- Personally took care of developing **Android app** and of data transfer from **MySQL**.

Alumni and Undergraduates HACKATHON at Georgia Tech

Fall 2015

- Worked on front-end of an **Android application** revolutionizing the parking experience on GM cars.

Other Personal Projects

Spring 2015-Spring 2016

Developed two android applications used by my family and friends. WorldConnect, GoShopping. (On Play Store in a few weeks)

- Exchange of data between **MySQL databases** and clients implemented through **PHP scripts**.

High School Final Thesis in Milan

Spring 2015

Produced a detailed and argumentative research paper on the role of Science and Technology in the Hellenistic Era.

- Sources from modern and ancient times in Latin, Ancient Greek, Italian and English. Presented at final exam.

EXPERIENCE

Faculty Led Research – Professor A. Orso, Georgia Tech College of Computing

Spring 2016

- I am tasked with exploring the possibility of creating a tool to generate cross-platform compatible automated input-tests for Android applications and eventually develop it. The research is registered with GT for credits.

EXPO 2015: Milan

Spring 2015

- Worked at the event's inauguration in **image hospitality**.

Robotics Team

Fall-Spring 2014

As an exchange student in Montana: contributed to build and program robot for FTC 2014 competition

- **Built and programmed my own robot** during the course of Spring semester, utilizing what I had learned.

LEADERSHIP

Class Representative, Liceo Classico "Giovanni Berchet"

Sept 2014- June 2015

- Coordinated relations between professors and student body.
- Organized school related events such as athletic meetings and celebrations.