# RITWIK PATIL

## SKILLS

- C++, C#, Java, Python, Javascript, Bash
- MySQL. SQLite, Redis
- Android development
- Binary reverse engineering
- Docker, Vagrant
- Markdown, LaTeX
- Unity Development
- IoT development with Arduino and RPi

## CONTACT

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## PROJECTS

**DROIDDUCKY**
Wrote a keystroke injection android app with an internal HTTP server and Javascript and Duckyscript interpreter

**ARES BOTNET**
Developed a command and control server with a web interface using Flask with a redis database and a celery job queue

**CHRONOS**
Currently working on a online PVP shooter using Unity with Forge Networking Library

**SCRAPING AND AUTOMATING WEB APPLICATIONS**
Static and dynamic using BeautifulSoup, Selenium and public APIs

## EXPERIENCE

**VICE CONVENER | CREATIVE COMPUTING SOCIETY**
- Mentoring sophomores to improve their technical skills.
- Organizing computers and electronics based competitions, workshops and events

June 2018 - April 2019

**TECHNICAL SECRETARY | SATURNALIA 2017**
- Developing technical applications required for our competitions.

August 2017 – November 2017

**TECHNICAL SECRETARY | CCS & OWASP**
- Holding and managing our events.

June 2017 - March 2018

## EDUCATION

**B.E. (ELECTRONICS AND COMPUTERS) | THAPAR INSTITUTE, PATIALA**
July 2016 - Present

**PRIMARY AND SECONDARY EDUCATION | ST. THOMAS SCHOOL, LUDHIANA**
CBSE Board