

Gabor Siffel

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Undergraduate student in Computer Science

EDUCATION **Georgia Institute of Technology**, Atlanta, GA *August 2015 – Present*
Bachelor of Science in Computer Science *Expected Graduation: December 2018*

- **Threads:** Systems & Architecture and Intelligence
- **GPA:** 3.54/4.0

Merit Scholarship Recipient

EXPERIENCE **Software Engineer Intern at Facebook**, Menlo Park, CA *Summer 2018*

- Developed a client authentication system for an iOS app using OpenSSL and certificates
- Worked with technologies such as Objective-C/++, React Native, Hacklang, and Buck
- Communicated with several other teams to better understand the needs and approach of the project

Software Engineering Intern at Dropbox, San Francisco, CA *Summer 2017*

- Full stack web project for Dropbox Paper that addressed consumers' needs regarding document ownership
- Worked with Typescript, React, and SQL databases
- Coordinated with fellow engineers to create the design and gain understanding of challenges

Webmaster, Hungarian Community Church of Georgia, Roswell, GA *2013 – Present*

- Develop and maintain several websites using web development technologies that greatly improved the visibility and communication of the organization; optimized websites for cross-browsers compatibility (volunteer work)

Volunteered at Major League Hacking's LocalHackDay at Alpharetta High School *October 2015*

- Hosted an introductory talk on creating static HTML and CSS websites

SKILLS **Programming languages:** JavaScript, Typescript, Java, Python, C/C++, Hack, PHP, HTML, CSS, LaTeX, Objective-C/++
Software: git and GitHub, development toolchains / build tools, Eclipse and other IDEs, Node.js, Office, Photoshop
Languages: Fluent in English and Hungarian
Professional: Critical thinker, detail-oriented, responsible, quick learner
Music: Singing, ten years of piano

PROJECTS **Sound Transfer**, SwampHacks 2017 Hackathon, Gainesville, FL

- Developed the backend of an iOS app that communicates short messages or small bitmap images by converting the byte-data into tones picked up by the microphone of receiving devices
- Overcame challenges dealing with background noise and device timing synchronization

Piet Interpreter

- Implemented an interpreter (written in Python) for Piet (an image based, experimental programming language)
- Learning experience and exploration of interpreters

bundle-js

- Realized and filled a need for a Node.js package that allows developers to easily bundle their JavaScript code into a single compressed JavaScript file for efficient deployment on webpages

FileRenamer

- Designed and developed a Java desktop application that renames files in bulk
- Helps user organize files quicker by providing custom filters and pattern replacement options

INTERESTS **Georgia Tech Chorale** *August 2015 – Present*

- Member; helped the choir learn a Hungarian language piece

Georgia Tech RoboJackets *Fall 2016*

- Learning about AI and robotic systems as a member of the RoboCup robot soccer team

Georgia Tech WebDev Club *Fall 2015*

- Learned about various types of web/JavaScript APIs and their capabilities

Further interests

- Programming languages, the development process, parsers and compilers, linguistics
- Artificial intelligence and neural networks
- Higher mathematics and advances in the field