

Samuel Rowe

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Education

Presidency University

B.Tech, Computer Science and Engineering (CSE), 8.23 CGPA

Bengaluru, India

2017 – 2021

Experience

Google Summer of Code

May 2020 – September 2020

- Developed the module statement and an automatic Pallene to Lua translator for the Pallene programming language, a project that is part of LabLua.

OneCube Software Solutions

Bengaluru, India

Founder / Programmer

2017 – Present

- Founded a service-based startup that specialized in developing custom software for increasing effectiveness of small business owners.
- Led a team of 2 programmers/graphic designers, 1 customer relations manager, and 2 technical writers through 7 projects.
- Acquired experience with various front-end and back-end technologies, including Spring, Hibernate, JavaFX, ReactJS, Material UI, Bootstrap, and jQuery.

Activities

Authored and self-published an eBook titled *The Java Programming Language Manual*, which covers Java in great detail with over 100 examples. (<https://itssamuelrowe.github.io/binarystars>)

Skills

Languages: C, C++, Java, Python, HTML, CSS, JavaScript, PHP, Go, Lua

Frameworks/Libraries: ReactJS, Material UI, jQuery, Bootstrap, Android SDK, JavaFX, JDBC, Servlets, Spring, Hibernate, Flask, NodeJS, ExpressJS

Database Systems: MySQL, MongoDB

Tools: Inkscape, Openshot, Git, CMake

Clouds: Google Cloud Platform

Natural Languages: English • Kannada • Tamil • Telugu • Hindi

Interests: Cloud Computing • Machine Learning • Web Development • Compiler Design • System Programming

Certifications

- Completed the five course specialization **Architecting with Google Compute Engine** by Google Cloud on Coursera.

Competitions

- Secured first place in “Code Quest” and “Bug Me Not” events at Anaadyanta Techno-Cultural Fest 2019, organized by Nitte Meenakshi Institute of Technology.
- Secured first place in “Tech-Quiz” event at Techvidya Tech Fest 2019, organized by Sai Vidya Institute of Technology.

Selected Projects

Zen: A general purpose programming language designed to build simple, reliable and efficient programs. The project includes a compiler and a reference implementation of the Zen Virtual Machine (ZVM) powered by Eclipse OMR. (<https://github.com/itssamuelrowe/Zen>)

JTK: A library designed for writing applications and libraries in C, which provides core utilities such as collections, unit testing, I/O streams, threads and much more. (<https://github.com/itssamuelrowe/jtk>)

Issue Tracker: Built a simple issue tracker using the MERN stack, where users can add, filter, edit, and delete issues. Further, reports can be generated to prioritize work. (<https://github.com/itssamuelrowe/issue-tracker>, <https://github.com/itssamuelrowe/issue-tracker-web>)