

# Samuel D. Bailey

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<https://samuelbailey123.github.io>

## education

**Southern New Hampshire University, Graduate School of Engineering** 2022  
Master of Science (M.S.), Information Technology. Research in networks for large scale use.

**Southern New Hampshire University, School of Engineering** 2021 – 2022  
Bachelor of Science (B.S.), *cum laude*, Computer Science; 3.9 of 4.0 GPA in field. Related studies in government, micro- and macro-economics, finance, statistics and probability, multivariate calculus, and linear algebra.

## research interests

Cybersecurity, computer science education, machine learning, scalable and reliable systems infrastructure.

## experience

**Imubit, Closed Loop Neural Network Processing** April 2022-  
*Site Reliability Engineer* of one of the largest AI process optimization solutions for oil refineries and chemical plants. Solving the worlds hardest problems by creating reliable infrastructure for hydrocarbon processing plants. Creation of automated and maintaining automations of alerting systems with extremely high risk.

**Southern New Hampshire University, Faculty of Science and Engineering** April 2021-  
*Peer teaching instructor and lecturer*. Develop and teach course topics in computer science at the Undergraduate and Graduate level.

**YouVersion/Life.Church** March 2021 – April 2022  
*Site Reliability Engineer*. Fixing the problems of the past by engineering the translations of the [bible](#) into new languages across the world. Creating and building reliability whilst maintain scalability at a moment's notice.

**Verizon Wireless** Jan 2020 – February 2021  
*Senior Sales Lead*. Managing teams of sales employees reach their highest potential goals in influence and motivation daily. Responsible to reach sales quotas for all staff members.

**Decima Media** October 2019 –  
*Founder*. Started a company that offers media services of website and app development.

**Triumph Church** March 2018 – October 2019  
*IT Director*. Responsible for all information technology services for a team of 20+. Maintaining weekly broadcast services, all online marketing and technology. Creation of website and mobile app.

**Triumph Church** March 2017 – March 2018  
*IT Intern*. Learning and helping current IT team in daily tickets and IT support.

**Organ Bell & Tucker, Office of Law** August 2017 – February 2018  
*IT Help Desk*. Helping manage a system of 200+ user devices. Organizing new network systems and helping create new server systems.