Samuel Britt

Resume title (optional)

Education

2011– **M.S.**, *Georgia Institute of Technology*, Atlanta, GA.
Computer Science, Specialization in Systems Software. Current GPA: 3.5
Expected completion: May 2013.

2009–2011 **Post-Graduate Research**, *Georgia Institute of Technology*, Atlanta, GA.
Completed 2 years of a 4-year Ph.D. program in Materials Engineering. GPA: 3.9
Modeling and simulation research in mechanics of α+β titanium alloys.

2004–2009 **B.S.**, *Georgia Institute of Technology*, Atlanta, GA.
Materials Science and Engineering. GPA: 4.0

Advanced Coursework

Computer Science: Adv. Operating Systems, Real Time & Embedded Systems, Computability and Algorithms, HPC Architecture, Distributed and Internet Computing, Applied Cryptography.

Modeling & Simulation: Statistics & Numerical Methods, Continuum Mechanics, Adv. Constitutive Relations of Solids, Quantitative Characterization of Materials, Parallel Scientific Computing.

Materials Engineering: Mechanical Behavior of Composites, Thermodynamics of Materials, Kinetics of Phase Transformations, Studies in structure-property relationships of alloys, ceramics, polymers, semiconductors, and composites.

Select Scholarships & Awards

Henry Ford Award, for the most outstanding academic record in the junior engineering class.

Wohlford Co-Op Scholarship, for outstanding contributions to Tech and high scholastic achievement.

President's Scholarship, Tech's premier merit-based scholarship awarded to approximately 2 % of students.

National Merit Scholarship, awarded to the top 0.6 % of the 1.4 million or so high school applicants.

S. Truett Cathy Scholar Award, awarded to the top 25 Chick-fil-A employees nationwide for demonstrated excellence in the areas of work, education, community and personal leadership development.

Experience

2012 **Teaching assistant?**.

2009–2011 **Post-Graduate Research**, *Georgia Institute of Technology*, Atlanta, GA.
asdf

2005–2009 **Engineering Intern**, *Southern Research Institute*, Birmingham, AL.
Five co-op terms as a engineering assistant performing high-temperature materials research for the aerospace industry.

- Designed a facility capable of thermogravimety and dilatometry of carbon-phenolics up to 650 °C under pressures up to 4.15 MPa.
- Studied the kinetics of phenolic resin pyrolysis using isothermal and nonisothermal thermogravimetry at temperatures up to 1100 °C. Wrote a report that was presented at the 56th JANNAF Propulsion Meeting.
- Spearheaded effort to develop, build, and test a facility capable of tensile permeability tests up to 1900 °C.
- Ran and maintained a permeability facility testing carbon-phenolic composites up to 1300 °C.

3155 Flowers Rd. S Apt. Q – Atlanta, GA 30341
☎ *(205) 515 0618* ✉ *samuelbritt@gmail.com*
www.github.com/samuelbritt *www.linkedin.com/in/samuelbritt*