

MICHAEL A. STREET

794 Marietta St., NW | Atlanta, GA 30377 | mi.street@gmail.com | +1 (301) 655 - 2358

EDUCATION

- | | | |
|---|-------------------------------------|-------------------|
| GEORGIA INSTITUTE OF TECHNOLOGY | Ph.D. in Building Technology | Aug '13 - Present |
| <ul style="list-style-type: none">Awarded NSF Graduate Research Fellowship valued at ~\$150K (3 years), 1 of 2000 selected nationallyCompleted concentration in Mechanical Engineering; 1 Management course, Scheller College of Business; GPA: 3.92/4.02 peer-reviewed publications (1 under review) | | |
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY | M.S. in Building Technology | Aug '11 – Jun '13 |
| <ul style="list-style-type: none">Awarded MIT Presidential Fellowship valued at ~\$75K (1 year); MIT Energy Initiative Research Assistant ~\$75K (1 year); Teaching Assistant to 50+ undergraduates in Structural Engineering; GPA: 4.5/5.01 peer-reviewed publication | | |
| MOREHOUSE COLLEGE | B.S. in Physics | Aug '07 – May '11 |
| <ul style="list-style-type: none">Full tuition scholarship (~\$40K per year @ 4 years); John H. Hopps Defense Research Scholar (~\$20K per year @ 4 years); Four summer research internships; Physics and Mathematics tutor; Minor in Mathematics; GPA: 3.8/4.0GRE – Verbal: 160, Quant: 156, Writing: 4.5 | | |

PROFESSIONAL EXPERIENCE

- | | |
|--|---------------------|
| BLACK MEN CODE, INC. | Aug. '15 – Present |
| <i>Founder & Executive Director</i> | |
| <ul style="list-style-type: none">Established a computer science training academy for underrepresented minority malesDeveloped a network of 700+ newsletter recipients, 150+ unique program participants and 25+ volunteer educators through event planning and targeted marketingPartnered with 2 national high-technology companies to establish job pipelines for participantsGenerated \$3000+ in revenue from services provided to minority serving institutions | |
| PATTERN R+D | Aug. '15 – Apr. '16 |
| <i>Director of Research</i> | |
| <ul style="list-style-type: none">Led business development of commercial engineering projects generating 100+ new business leadsCompeted on 1 of 3 semi-finalist teams in \$18M project to build Atlanta's 1st Living Building Challenge certified building on the campus of GA TechDeveloped automated simulation tools with imbedded quality assurance checks to facilitate 5000+ simulations per day | |
| OAK RIDGE NATIONAL LABORATORY | Jan. '15 – Aug. '15 |
| <i>Visiting Scientist</i> | |
| <ul style="list-style-type: none">Led software development for both the autonomous controls and optimal HVAC sizing of nation's 1st 3D printed, autonomous, off-grid home; 2 engineers, 1 intern, 3 principal investigatorsPerformed statistical analysis of load patterns, weather data & building shape to interface with lead architects on design decisions | |
| FRAUNHOFER INSTITUT FÜR SOLARE ENERGIESYSTEME | Jun. '14 – Dec. '14 |
| <i>Visiting Scientist</i> | |
| <ul style="list-style-type: none">Developed a method to computationally model a novel façade integrated ventilation system as client sponsored R&DManaged 3 collaborating scientists to develop client reports, modeling hypotheses and performance indicators | |

LEADERSHIP & ACTIVITIES

- | | |
|--|-------------------|
| PROSPECT HILL ACADEMY | Feb '12 – Apr '14 |
| <i>Founder & Director - Academy of Courageous Young Scholars (A.C.Y.S.)</i> | |
| Identified needs of 10 low-performing physics and mathematics students at PHA and established an extracurricular engineering program that operated for 2 years. | |
| ALPHA PHI ALPHA FRATERNITY, INC. | Aug '10 – May '11 |
| <i>Chapter President</i> | |
| Led state of GA in Chapter GPA (1 of 21); Raised \$12K+ through events and fundraising for the Chapter general fund; Inaugural Sprite Step-Off Atlanta Champions (~\$25K in scholarships to chapter fund; 10 team members) | |

SKILLS & INTERESTS

Software:	EnergyPlus, THERM 5/WINDOW 5, GenOpt, DesignBuilder, eQuest, Rhino, DIVA 2.0, Grasshopper, Microsoft Office		
Language:	German - B1	Language :	Python, MATLAB, R, JavaScript, Modelica
Other:	Machine shop training including: lathe, mill, and associated tools.		
Interests:	Blue Belt in Brazilian Jiu Jitsu – Bronze Medalist (3 of 8) NAGA Atlanta 2015 (Adult White Belt – Medium Heavy)		