

Sarah C. Bland

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EDUCATION

UNIVERSITY OF VIRGINIA

BA IN COMPUTER SCIENCE

BA IN ENVIRONMENTAL SCIENCES

Exp. May 2019 | Charlottesville, VA

College of Arts and Sciences

Cum. GPA: 3.12 / 4.0

MATH & SCI. HIGH SCHOOL

Grad. May 2015 | Midlothian, VA

LINKS

Github:// [sarahbland7](#)

LinkedIn:// [sarahcbland](#)

Facebook:// [sarahchristinebland](#)

COURSEWORK

Algorithms*

Computer Architecture

Defense Against the Dark Arts

Discrete Mathematics

Human Computer Interaction

Mobile Application Development

Program & Data Representation

Software Development Methods*

LANGUAGE SKILLS

PROGRAMMING

PROFICIENT

Java • Swift • Android • Matlab

SKILLED

Python • C++ • C • Intel x86

Assembly • Intel x86 Machine Code

FAMILIAR

HTML • CSS • JavaScript • React

Node • Express • Firebase

MongoDB • Solidity • D3

Mathematica

TECHNOLOGIES

LaTeX • git • shell scripting

VERBAL & WRITTEN

English (native speaker) • Spanish
(8 yrs. of classroom experience)

AWARDS

LOUIS T. RADER EDUCATION

May 2017 | Charlottesville, VA

EXPERIENCE

HACKER FELLOWS | SOFTWARE ENGINEERING INTERN

Expected June 2018 – August 2018 | Detroit, MI

- 1 of 10 computer scientists hired for SWE at early stage tech companies
- Includes intensive software development and entrepreneurship training

THE IMPACT FELLOWSHIP | FELLOW

January 2018 | New York, NY

- Selective computer programming fellowship to equip and inspire the next generation of social entrepreneurs
- Met leaders from NYC tech scene, NGOs, social startups, think tanks, etc.
- Collaborated with international charity organization Days for Girls to build "Got Period?", a gamified education tool for reproductive health

SCHOOL OF ENGINEERING & APPLIED SCI. | SECONDARY INSTR.

June 2017 – Present | Charlottesville, VA

- Redesigned Software Development Methods Java-based lab component
- Collaborated with 3 professors to lead team of 50 teaching assistants

SCHOOL OF ENGINEERING & APPLIED SCI. | TEACHING ASSISTANT

January 2017 – Present | Charlottesville, VA

- Taught both Software Development Methods & Algorithms
- Assisted with in-lecture activities, labs, office hours, and review sessions

CHICAGO URBAN PROGRAM | INTERN

June 2017 – August 2017 | Chicago, IL

- Worked with Friends of the Parks to preserve and promote urban green spaces
- Increased functionality and visual appeal of FOTP's website
- Engaged with injustices in education, incarceration, trafficking, and immigration

HOUSING AND RESIDENCE LIFE | RESIDENT ADVISOR

August 2016 – May 2017 | Charlottesville, VA

- Spearheaded movement to improve sustainability in Hereford Residential College, funded by \$900 GIFT Grant
- Executed programs to develop HRL Core Values on hall and community scales
- Served as advisor to 28 undergraduate women through personal relationships

RESEARCH

DEPT. OF ENVIRONMENTAL SCI. | RESEARCH ASSISTANT

September 2016 – May 2017 | Charlottesville, VA

- NSF sponsored water use efficiency (WUE) project with Prof. Todd Scanlon
- Utilized Matlab to analyze Excel files and generate models of data across 6 sites

INVOLVEMENTS

2017-2018	John D. Perkins House	Charlottesville, VA
2017-2018	Association for Computing Machinery	Charlottesville, VA
2017	Pearl Hacks	Chapel Hill, NC
2016	HackNC	Chapel Hill, NC
2016-2017	Women's Ultimate Frisbee	Charlottesville, VA
2015-2018	Chi Alpha & InterVarsity Fellowships	Charlottesville, VA