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## Ford Holland

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### EDUCATION

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#### Columbia University

*Master of Science, Biostatistics*

**New York, NY**

*Expected 2022*

#### Davidson College

*Bachelor of Arts, Economics, Minor in Computer Science*

**Davidson, NC**

*May 2017*

### WORK EXPERIENCE

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#### Memorial Sloan Kettering Cancer Center

*Data Analyst – Epidemiology and Biostatistics Dept.*

**New York, NY**

*July 2017- Present*

- Provide statistical support to research projects and prepare manuscripts for publication
- Develop risk-adjusted statistical models to compare surgeon performance across multiple surgical outcomes
- Present analytic results to surgical services within and without the institution
- Build personalized patient and clinician reports containing prediction models for key health outcomes from medical survey response data
- Process data feeds and implement database schema and logic
- Design analytic tools for clinical staff
- Completed updates for five surgical-feedback services in 2019
- Created and presented a tutorial on data visualization to the R user community of biostatisticians
- Actively contribute to two MSK statistical programming packages for R

#### Encap Security

*Project Contractor*

**New York, NY**

*May 2017- June 2017*

- Developed Python script to enhance current authentication demonstration
- Integrated authentication demonstration with Amazon Alexa
- Used Amazon Web Services to host application remotely

#### AllClear ID

*Quality Assurance Engineer*

**Austin, TX**

*June-August 2015*

- Ensured new software modules met functional design and quality requirements
- Facilitated switch from manual to automated testing environment using Selenium WebDriver
- Reduced testing time for new software modules from 3 days to a matter of hours, speeding new feature delivery to customers

### SERVICE & COMMUNITY INVOLVEMENT

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#### U.S. Food System Symposium

*Director of Technology*

**Davidson, NC**

*Spring 2016*

- Helped plan a student-led, multi-institutional symposium on food production and consumption issues
- Assisted in developing website and facilitated online registration
- Worked with symposium development team to recruit leading experts in food systems

#### E2D – Eliminate the Digital Divide

*Volunteer*

**Davidson, NC**

*2014-2016*

- Set up low-cost computers for distribution to low-income families
- Raised awareness and promoted goal of providing every student in Charlotte-Mecklenburg schools with a computer

### SKILLS

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- Advanced skills in R, SQL, Python, & Git