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**Madison Lee**  
**Email:** madisonklee131@gmail.com

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**Education:**

Columbia University, Columbia College (Expected Graduation: May 2023)

- **Major:** Computer Science

Rutgers University-New Brunswick (transferred May 2020)

- **Related Coursework:** Calculus I, Introduction to Computer Science, Independent CS Study, Introduction to Microeconomics, Calculus II, Data Structures, Introduction to Macroeconomics

High School (Graduation: June 2019)

- **Cumulative GPA:** 4.1/4.0
- **Relevant Coursework:** AP Computer Science A, AP Computer Science Principles, Multivariable Calculus, Introduction to Python, AP Calculus AB, AP Statistics

Kode with Klossy Summer Program (2016, 2017)

**Experience:**

*Rutgers University-New Brunswick*, CS111 Mentor (February 2019 - Present)

- Help and encourage college students on *Intro to CS* class material and personal dilemmas

*Kugnus Acts*, Teacher (July 2019 - August 2019)

- Instructed students (ages 7-12 y/o) Python and Robotics using PyCharm and Mindstorm

*Girls Who Code* Club, Teacher (Jan 2018 - June 2019)

- Instructed students (ages 9-13 y/o) in Girls Who Code Java curriculum
- Empowered young women to begin a computer science education early, to ensure future success and resilience in the field

*Lamont-Doherty Earth Observatory*, Research Intern (Sep 2017 - June 2019)

- Co-authored scientific paper with PhD candidates on methods of differentiating sedimentary features, presented at the 2019 Northeast GSA Conference
- Built **Python** Grain-Size Image Recognition Program - combined knowledge and research in geology and computer science

*Borland Free Clinic*, Technology Intern (June 2018 - October 2018)

- Redesigned website ([borlandclinic.org](http://borlandclinic.org)) and managed technology for annual fundraising event

*Tackle Kids Cancer - Hackensack Meridian Health*, Business Intern (Feb 2018 - June 2018)

- Executed administrative duties and shadowed supervisors during meetings

**Activities:** Society of Women Engineers (SWE), Women in Computer Science (WICS), Rutgers Undergraduate Student Alliance of Computer Scientists (USACS), Women in Business (WIB)

**Honors/Awards:** Fall 2019 Semester Dean's List, Althea Moore Memorial Scholarship, NJ Affiliate Award for *NCWIT* Aspirations in Computing, Student Council Representative, National Honor Society

**Technical Skills:** Java, Python, Javascript, HTML/CSS