

Asher Hancock

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Education

- 2023–Present **Princeton University**
PhD, Mechanical and Aerospace Engineering
Advisor: Anirudha Majumdar
- 2022–2023 **University of Cambridge**
MPhil, Engineering
Advisor: Rodolphe Sepulchre
- 2017–2023 **University of Pittsburgh**
BS, Mechanical Engineering
Advisor: Matthew Barry

Fellowships

- 2022–2027 **NSF GRFP Fellowship**, *National Science Foundation*, Princeton University
- 2022–2023 **Churchill Scholarship**, *Winston Churchill Foundation of the United States*, University of Pittsburgh
- 2022–2023 **Barry M. Goldwater Scholarship**, *Barry Goldwater Scholarship and Excellence in Education Foundation*, University of Pittsburgh

Journal Papers

- 2021 **Asher J. Hancock**, Laura B. Fulton, Justin Ying, Corey E. Clifford, Shervin Sammak, and Matthew M. Barry. A GPU-accelerated ray-tracing method for determining radiation view factors in multi-junction thermoelectric generators. In *Energy*. Elsevier. 2021.

Teaching Experience

- Spring 2023 3F2: *Systems and Control Theory*, University of Cambridge (Supervisor)

Industrial Experience

- 2020–2021 Pathways Intern, *NASA's Marshall Space Flight Center*, Student Trainee (Engineering)
- Advanced Concepts Office (Fall 2021)
 - Control Systems and Analysis Branch (Spring 2021)
 - Structural Dynamics and Integration Branch (Summer 2020)