

(443) 561-5509 • SKYLERR@SEAS.UPENN.EDU

SKYLERRANKIN.ORG

# SKYLER RANKIN

## EDUCATION

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University of Pennsylvania  
*Sophomore Student, School of Engineering and Applied Sciences*  
*Computer Science Candidate*

2017-Present  
Philadelphia, PA

## EXPERIENCE

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- Summer Intern, *GP Strategies* 2018-Present
  - Developed a scalable, production-level chatbot on top of the Microsoft Bot Framework to automate service desk ticket requests as well as employee purchase confirmations.
- Research Assistant under Dr. Daniel Gillion 2017-Present
  - Execute web scraping and text mining for political science data base formation and research.
- Information Technology Advisor, *Penn House Computing* 2017-2018
  - Maintain English House computer lab and provide general technology support.
- Summer Intern, *GP Strategies* 2017-Present
  - Utilized Azure web services and VSTO add-ins to provide sentiment analysis on company email threads.
  - Implemented the Neo4J database for graphical data storage of corporate employee information.
- Associate, *Panera Bread* 2014-2015
  - Operated cash register and prepared meals.

## SKILLS & ABILITIES

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- Programming Languages
  - Comfortable with Java, JavaScript, Python, R, HTML, CSS, Git, OCaml, LaTeX
- Programming Frameworks
  - Experience with Android, jQuery, JavaFX, OpenGL, Node.js, Express, MVC design, ECS architecture
- Projects
  - More information at [skylerrankin.org](http://skylerrankin.org)

## AWARDS&RECOGNITION

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- Winner in Best Use of Theme Category, *Penn Play 24-Hour Game Jam* 2017
  - Developed an Island Survival game for Penn's premiere game jam

## LEADERSHIP

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- Project Programming Lead, *UPenn Game Research and Development Environment* 2017-Present
  - Lead programmer for the science fiction RPG "Aeiaton", built in Java with OpenGL
- House Captain, *UPenn Intramural Basketball Team* 2017-Present