

# Adin B. Solomon

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## Education

### **Drexel University** [Fall 2018 - Expected Graduation: Spring 2023]

- Bachelors of Science in Computer Science; Pennoni Honors College
  - 3.61 GPA, Dean's List
  - Founder's Scholarship
  - STAR Scholar
  - Eight to the Bar (A Capella) - Bass
  - DESGA MTG Team Member
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## Experience

### **Lockheed Martin RMS**, Systems Engineer [Fall 2019 - Spring 2020]

- Architected GPU programming implementation with NVIDIA's CUDA for C++
- Authored educational material for introductory and advanced GPU programming
- Formulated original GPU programming techniques for novel algorithmic applications
- Automated UNIX-based version control and testing procedures for Software and Systems Engineers

### **Children's Hospital of Philadelphia**, Data Analyst [Summer 2017 - Summer 2018]

- Wrote MatLab scripts for the distillation of data tables from driving simulator
- Programmed analysis scripts for identification of crash timing, type, and intervention
- Presented findings and methods before CHOP's Peer Review Team and fielded questions from experts in injury prevention research
- Co-authored pilot study papers

### **Jitsik**, Software Engineer [Summer 2018]

- Planned for expansions to Jitsik's driving simulator
  - Added Augmented Reality support to Virtual Reality simulator
  - Maintained simulator compatibility with HTC Vice, Oculus Rift, and Microsoft HoloLens
  - Designed software-compatible hardware for running the simulation on HoloLens
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## Skills

<b>Languages</b>	Java, Python, C++, Racket, R, MatLab
<b>Operating Systems</b>	Windows, UNIX, MacOS
<b>Version Control</b>	Git, Clearcase
<b>Productivity</b>	Jira, Microsoft Office, Google G-Suite
<b>Hardware</b>	PC Construction, Basic Data Management, Basic Networking
<b>Certifications</b>	United States Government Security Clearance
<b>Interests</b>	Phenomenology, Constraint-Satisfaction Problems, Polyphonic Singing