# Ariel Szekely

## Contact Information

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| Phone | +1 (817) 876-2431 |
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| Homepage | www.arielck.com |

## Education

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|---|---|
| 2020-present | **Ph.D. in Computer Science**, *Massachusetts Institue of Technology*, Cambridge, MA. |
| 2016-2020 | **B.S. in Computer Science (Honors)**, *The University of Texas at Austin*, Austin, TX. GPA: 3.94 |

### Interests

Operating Systems, Security, Virtualization, Heterogeneous Hardware, Concurrency.

## Publications

[1] Tyler Hunt, Zhipeng Jia, Vance Miller, **Ariel Szekely**, Yige Hu, Christopher J. Rossbach, and Emmett Witchel. Telekine: Secure computing with cloud gpus. In *17th USENIX Symposium on Networked Systems Design and Implementation (NSDI 20)*, Santa Clara, CA, February 2020. USENIX Association.

## Awards

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| 2020 | MIT Lemelson Presidential Fellowship |
| 2020 | MIT EECS Departmental Fellowship |
| 2020 | Dean's Honored Graduate, UT Austin College of Natural Sciences |
| 2020 | Research Distinction, UT Austin College of Natural Sciences |
| 2020 | NSF Graduate Research Fellowship Honorable Mention |
| 2020 | CRA Outstanding Undergraduate Researcher Honorable Mention |
| 2019 | NSF REU |
| 2019 | UT Endowed Presidential Scholarship |
| 2018,19,20 | UT College of Natural Sciences College Scholar |
| 2018 | Louis E. Rosier Memorial Scholarship |
| 2016 | UT CNS Freshman Scholarship |
| 2016 | National Merit Scholarship |

## Professional Experience

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| 2019 | **Research Assistant**, *The University of Texas at Austin*, Austin, TX. |
| 2018 | **Software Engineer Intern**, *Bloomberg L.P.*, New York City, NY. |
| 2017 | **Software Engineer Intern**, *AT&T*, Dallas, TX. |

## Teaching Experience

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| 2020 | **TA: Concurrency (Honors)**, *The University of Texas at Austin*. |
| | Instructor: Christopher J. Rossbach |
| 2020 | **TA: Intro to CS Research (Honors)**, *The University of Texas at Austin*. |
| | Instructor: Calvin Lin |
| 2019 | **TA: Intro to CS Research (Honors)**, *The University of Texas at Austin*. |
| | Instructor: Calvin Lin |

## Service

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| 2020-present | **MIT GAAP Mentor**, *Massachusetts Institute of Technology*, Cambridge, MA. |
| 2017-2020 | **UTCS Ambassador**, *The University of Texas at Austin*, Austin, TX. |

## Languages

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| English | Fluent |
| Spanish | Fluent |
| French | Intermediate |