

Joshua Storm Becker

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Permanent Address

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Education

Princeton University, Princeton, NJ	May 2019
Bachelor of Science in Engineering - Computer Science	
GPA: 3.52 of 4.0	
High School Diploma, North Carolina High School, Ridgely, MD	May 2015
GPA: 4.0 of 4.0 — ACT: 34 of 36	

Experience

Analytical Graphics Inc. Exton, PA	Summer 2016
Software Development Intern	
<ul style="list-style-type: none">Implemented 3D model (glTF) optimization pipeline.Bug fixed issues in the Cesium.js 3D globe and maps library.	
Princeton University Princeton, NJ	Winter-Spring 2016
Computer Science Grader & Tutor	
<ul style="list-style-type: none">Tutored and graded for Princeton University's introductory computer science course (COS 126).	
National Security Agency Fort Meade, MD	Summer 2015
Gifted & Talented Intern	
<ul style="list-style-type: none">Implemented cryptographic methods in Cryptol (Haskell-based domain specific language).Produced literate specifications of cryptographic methods.	

Projects

WebSynth	(Active) Summer 2016
<ul style="list-style-type: none">A dynamic subtractive synthesizer built into a single webpage.Stack: JavaScript, Node.js, p5.jsURL: http://becker.codes/WebSynth	
Zenith	Spring 2016
<ul style="list-style-type: none">A health app for improving ones mental focus and emotional wellbeing.Produced with a team of developers at Princeton University following a successful Hackathon.Stack: Swift, XCode, Firebase, MixpanelURL: http://www.reachzenith.com/	

Computer Skills

Proficient: Java, JavaScript, Python, p5.js
Familiar: Haskell, Swift, C#, Node.js

Selected Academic Honors

Roberta B. Holt Midshore Foundation Scholarship	2016
Northrop Grumman Engineering Scholar	2015
MIT Online Science, Technology, & Engineering Community Alumni	2014

Selected Extracurricular Activities

WPRB Princeton Radio Station — Co-Director of Production	2015-2016
Princeton University Laptop Orchestra (PLOrk)	2015-2016