

Ben Smith

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Education

Texas A&M University

Bachelor of Science in Computer Science, Minor in Mathematics

University Research Scholar

Overall GPA: 3.38

Major GPA: 3.62

College Station, TX

2014–2018

Experience

Amazon

Software Development Engineer II - Amazon One

Seattle, WA

August 2018 – present

- Develop Android applications and related on-device software to enable all Amazon One workflows
- Use OpenCV with neural network outputs for on-device filters when scanning a palm
- Launch Amazon One devices in Amazon Go and other stores
- Work with teams across the globe to deliver a unique shopping experience

Texas A&M University Department of Computer Science

Undergraduate Research Assistant

College Station, TX

November 2015 – December 2017

- Research in robotic motion planning
- Develop and maintain C++ motion planning library
- Published undergraduate thesis on kinodynamic motion planning
- Coauthor on paper exploring topological Nearest-Neighbor filtering
- Website: <https://parasol.tamu.edu/~ben0815>

Alliance Data Systems

Information Technology Intern

Plano, TX

June 2016 – August 2016

- Cloud computing transition project - lead security research group
- Responsible for testing and reporting on various IT controls
- Collaborated with the information security team on test findings

Technical Skills

Programming Languages

Experienced: Java

Familiar: C++, C, Python, Haskell, JavaScript

Operating Systems and Platforms

Experienced: Android/AOSP

Activities and Leadership

Theta Tau professional engineering fraternity, Texas A&M University

2014 – 2018

Webmaster for Theta Tau

2016

The Big Event, Texas A&M University community service event

2015, 2016, 2017