

KENNETH SCHNALL
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education **THE PENNSYLVANIA STATE UNIVERSITY** *December 2018*
Bachelor of Science in Information Sciences and Technology

work experience **MICROSOFT** *Present*
Software Engineering Intern

- Created ASP.NET API for Dynamics 365 CRM plugin registration
- Developed C# tool to upload CRM plugin to Azure Blob Storage
- Used Angular to consume plugin registration API in Dynamics 365 UI

PENN STATE APPLIED RESEARCH LABORATORY *Spring 2017 to Spring 2018*
Research Assistant

- Led effort to make developer onboarding process 12x faster with Python
- Ported Java code from classified environment to development branch
- Received 2017 ARL Student Contribution Award

CAPITAL ONE *Summer 2017*
Software Engineering Intern

- Developed iOS augmented reality experience for bank branches
- Deployed code changes to bank branch CRM application
- Developed automated tests to verify code changes

PROCESS & DATA AUTOMATION *Summer 2016*
Software Development Intern

- Developed web applications with ASP.NET and Microsoft SQL Server
- Refined understanding of the model-view-controller pattern

projects **RIGHTPRICE** *Summer 2017*

- Emails users when their returnable Amazon items decrease in price
- Built API using Flask to handle email, product, and price data
- Developed Google Chrome Extension that consumes Flask API
- Used Amazon Advertising API to suggest similar items via affiliate links

BIOKEY *June 2017*

- Won 2nd place at Capital One's annual summer intern hackathon
- Implemented gesture authentication for web purchases via Myo Armband
- Led back-end and client development with team of five interns

RATE MY PENN STATE *July 2016*

- Helps students pick the best professors for their classes
- Developed RESTful API using Django Rest Framework
- Developed Google Chrome Extension that consumes API
- Marketed extension bringing in over 100 users in the first week

languages **C#, JAVA, JAVASCRIPT, PYTHON**
C++, SQL, SWIFT