

Joseph A. Bruzek

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WORK and EXPERIENCE

Software Developer, Haiku/Canto - Epic Systems - Madison, WI - February 2018-Present

- Worked in Android and iOS to develop features for physician-facing mobile apps
- Lead performance workflow testing for mobile app, automated quarterly test processes to save 40 developer hours per quarter and deliver more precise and frequent performance statistics
- Interacted with physicians at customer clinics to analyze use and functionality of mobile apps

Software Engineer, Cisco Spark Developer Experience- Cisco - San Francisco, CA - July 2016-December 2017

- Designed and built public API's for the Cisco Spark cloud infrastructure in Java with Spring MVC
- Lead design and implementation of deeplinking feature across Spark client platforms: mobile and desktop
- Presented on developer experience for Spark customers at Cisco partner conferences in US and Europe

Software Developer Intern - Epic Systems - Madison, WI - May-August 2015

- Added Google Chromecast capabilities to existing Android application for hospital patients
- Developed Chromecast communication for Android with minimal footprint in existing architecture
- Designed and built TV web app to display data and media focused on usability and patient confidentiality
- Project included as a feature on EPIC 2016 product release

Undergraduate Research Assistant - Virginia Tech HCI lab - Blacksburg, VA - May-December 2014

- Built Critisearch web application from scratch, designed SQL database structure for effective user management and event tracking. Used in research by Third Lab at Virginia Tech.

Harris Corporation - Software Test Engineer Co-op - Lynchburg, VA - May-August 2013

- Wrote and ran provisioning tests on Harris' radio database
- Tested radio latency and jamming detection across multi-site radio systems

AREVA Summer High School Apprenticeship Program - Lynchburg, VA - June-August 2011

- Worked and learned various aspects of nuclear engineering and business

EDUCATION

B.S. Computer Science - May 2016 GPA - 3.40

Cum Laude

Industrial Design Minor

– Virginia Tech, Blacksburg, VA

Honors Diploma, June 2012 GPA - 4.26

– Holy Cross High School, Lynchburg, VA

Valedictorian, class of 2012

PROJECTS and SERVICE

Studio Leadership Team, Design For America - Virginia Tech Studio - 2012-2016

- Project Lead, See[k], Lead a team of 8 students, faculty, and community partners in developing See[k]
- Oversee multiple sub-teams as well as leading development of Android app and accompanying website
- Oter - Android App** - Capstone Project 2016 - Schedule a text to send when you're almost at your destination
- Designed and built using Google Location APIs, local SQLite database, and Android best practices
- NapMap - Android App** - Crowdsourcing the search for the best place on campus for a quick nap
- Built during VT Hacks 2015, focus on Material Design and data management in a user-run system
- AutoText - Android App** - 2014 - Set a time to send a text message in the future
- Computer Science Teacher** - March 2014 - Designed and taught a one week introduction to Object-Oriented Programming course at Holy Cross High School
- Emerging Creatives Conference, Alliance for the Arts in Research Universities** - Stanford University - 2014

TECHNICAL SKILLS

Java

Android

HTML/CSS

Node.js

Adobe Photoshop

Javascript

Spring MVC

SQL

Kotlin

Git