

DANIEL J. BEADLE

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IN BRIEF

Software developer mindful of user experience seeks role on highly motivated team solving unique problems.

EDUCATION

BS in Computer Science and Business *Lehigh University; Bethlehem, Pennsylvania* Graduated May 2018

CURRENTLY

Software Engineer *Cboe; New York, New York* November 2019 - Present

- Working full stack in Python, React, DevOps with Jenkins, and a small amount of PostgreSQL
- Leading effort to redesign and replace a 15 year-old frontend (Replacing AngularJS with React) used internally by 30 employees to manage a multibillion-dollar foreign currency exchange
- Working with a disparate department to package React component code in to a shared library usable across two different projects and administered by a mutual governance process

PREVIOUSLY

Associate Software Engineer *TenFour; Morristown, New Jersey* June 2018 - June 2019

- Full stack dev (Python, SQL Server, C#, Angular 2+) building and testing web applications and RESTful APIs
- Responsible for transforming network administration runbooks into intuitive web applications with checks against human error by integrating with enterprise systems APIs (e.g., Cisco Unified Phone management)

Undergraduate Researcher *ATLSS Engineering Research Center; Bethlehem, PA* Summer & Fall 2017

- Designed and assembled prototype hardware for Linux-based sensors using off-the-shelf components
- Developed software for reliable wireless data transfer on off-the-shelf packet radios

Public Works Intern *City of Arroyo Grande; Arroyo Grande, California* Summer of 2015

- Cut open streets, dug holes, moved rocks, and helped maintain a municipal water system
- Worked alongside experts during repairs in environmentally sensitive wetlands

SIDE AND UNIVERSITY PROJECTS

Inhaler Tracker for iOS

- Published an application for tracking personal inhaler usage available on the Apple App Store
- Integrated with Apple's HealthKit framework to securely store medical information

Vistacom Inc. Web Video Wall Controller *(University Capstone Project)* Jan. 2017 - Dec. 2017

- Served as project manager for a 5-person team using agile methodology to develop software to control large, multi-monitor display walls
- Reverse engineered an undocumented SOAP API to access to a legacy system, built middleware serving a RESTful API using the Python Django REST Framework, and a user interface frontend with AngularJS

Student Manager, Lehigh University Marching 97 (Marching Band) Jan. 2017 - Jan. 2018

- Organized the 102 band member trip to London for the 2018 New Year's Day Parade, got everyone safely to London and back (And only lost one unimportant piece of luggage in the process!)
- Responsible for the day-to-day administration of a 110-member marching band during the fall 2017 season. Chaired a 12-member student board responsible for the band's long term planning

TECHNICAL SKILLS

- **Working knowledge:** Python, Django, Flask, React, Java, Javascript, SQL, HTML/CSS/JS, Git, Linux, Object Oriented Programming (OOP), Jenkins
- **Basic knowledge:** C#, C, iOS, Eagle CAD, C++, R, InfluxDB, NodeJS, OpenVPN
- **Other:** Can use a soldering iron, Radio Amateur (licensed in U.S.A.) callsign "KK6VAR"