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Benjamin Eisner

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Software Developer and Engineering Student

with a diverse educational and technical background in software and hardware design. Experience in product development, project management, team leadership, and market research. Seeking a full-time software development internship for Summer 2015.

Education

Princeton University | Princeton, NJ

2017

B.S.E. in Computer Science (w/ Certificate in Robotics) | GPA: 3.5

Relevant Coursework: Programming Systems, Functional Programming (OCaml), Data Structures and Algorithms, Systems and Signals (w/ MATLAB), Intro to Computer Science

2013

Middlesex County Academy for Science, Mathematics, and Engineering

Technologies | Edison, NJ

GPA: 4.0 | National Merit Scholar | U.S. Presidential Scholars Nominee

Experience

Software Engineering Intern - Full Stack

June 2014 -
present

Contactive Inc. | New York, NY

Full-stack Java development at a fast-paced NYC startup.

- Led Enterprise PBX integration for ShoreTel and Cisco phone systems, and designed abstracted backend architecture to enable rapid expansion of supported systems.
- Oversaw phone system integration during deployment of Contactive's flagship enterprise product, Klink, to Contactive's first pilot client
- Extensive user and organization database development with MongoDB (Java Driver)
- Developed a REST API for credential management using RESTEasy framework
- Restructured and consolidated backend server architecture to increase maintainability

Software Development Intern

Summer 2013

Konica Minolta Medical Imaging USA | Wayne, NJ

Designed an integrated caller ID application that provides customer information and call control features to service employees on incoming and outgoing calls.

- Learned C#, SQL Server, and .NET Framework on the job
- Rapidly developed internal business software: design to production in 8 weeks
- Designed SQL Server databases and interfaces using extensive stored procedures and web services to improve application speed and efficiency

Software and Hardware Design Lead

2012-2013

Middlesex County Academy Capstone Project

Designed and prototyped a wireless library navigation system that uses indicative lighting to guide library patrons to resource locations. Integrated with BiblioteQ, an open source card catalog written in C++.

Activities

HackPrinceton | Operations Coordinator
Organized day-of logistics and acted as faculty liaison for Princeton's premiere 500+ person Hackathon (2013-)

Princeton Varsity Heavyweight Rowing |
NCAA Division I Program with a time commitment of 18hrs/week, year-round. Member since Freshman year

Skills

Programming | Java, C#, C++, Web, OCaml, Web, Python, MATLAB, SQL
Software | Git, Microsoft SQL Server, IntelliJ, Mixpanel, Sendgrid, MongoDB

Frameworks | RESTEasy, Android, Qt, .NET
Languages | English, Chinese, Spanish
Communication | Writing, Public Speaking
Design | Photoshop, InDesign, Premiere