

NICHOLAS J. ALDWIN

EDUCATION

Northeastern University - Boston, MA 2010–2014
College of Computer & Information Science
Bachelor of Science in Computer Science – Class of 2014
Honors National Merit Scholarship, Honors Program, Dean’s List
GPA 4.0/4.0
Activities Association for Computing Machinery, Systems Coding Group (“crew”)

COMPUTER KNOWLEDGE

Languages Java 10, Python 2/3, Rust, C#, JavaScript/ES6, HTML, CSS, SQL
Technologies Dropwizard, Jersey, REST, Kafka, Hadoop, Elasticsearch, Kibana, TSDBs
Systems Linux, Windows 10/8/7/Vista/XP, macOS/OS X
Software IntelliJ, emacs, git, bash, zsh, TFS, Visual Studio

WORK EXPERIENCE

HubSpot, Inc. - Cambridge, MA 2015–2018
Senior Software Engineer

- Designed centralized cookie generation service to simplify upgrades and account changes
- Mentored new and junior engineers in system design, code style, and career choices
- Interfaced with large CRM company to develop data synchronization product
- Set up and tuned monitoring; promptly responded to pages to fix operational issues
- Rewrote significant portions of server-side OAuth2 API to improve client usability
- Built backend & content for complex automated email featured in conference keynote

HubSpot, Inc. - Cambridge, MA 2014–2015
Software Engineer

- Launched & maintained project quality and style guidelines used across the organization
- Created centralized geodata correlation service serving 8bn sub-10ms responses/month
- Built scalable headless-browser-based crawler capable of millions of site crawls per day
- Mastered tracking down bugs, from low-level JNI to enterprise-level synchronization
- Co-created service & Slack bot to keep track of beer/cider taps (after-hours project)

HubSpot, Inc. - Cambridge, MA 2012–2013
Software Engineer (Co-op)

- Developed important production features as part of core product team
- Created internal tools to enable developers to develop and test more quickly

Northwoods Software Corporation - Nashua, NH 2009–2012
Software Engineer (Intern)

- Created new engine & UI in C# for three major products – primary developer
- Developed complete new website and backend for new product

VOLUNTEER EXPERIENCE

Tutors for All - Boston, MA 2011–2014
Technology Coordinator

- Managed technical resources to ensure that tutoring programs ran smoothly

Codman Academy Charter Public School - Boston, MA 2010–2011
Mathematics Tutor for High School Students

INTERESTS AND ACTIVITIES

Home Monitoring & Automation, Transportation Design, Photography, Skiing
References will be furnished upon request