Isaac Mast

Software Development Intern at Smartly by Pedago, LLC

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Summary

- Graduated from Eastern Mennonite University with a Bachelor of Science degree in computer science in May of 2016.
- 4 years of programming experience and website management.
- Self-starter who enjoys learning in a fast-paced environment.
- Always excited to learn a new skill to help create the best possible product.

Education

Eastern Mennonite University

Bachelor of Science (B.S.), Computer Science, 2012 - 2016
Grade: Career GPA: 3.49
Activities and Societies: Association for Computing Machinery (ACM) Club, Table Tennis Club, intramural sports

Lancaster Mennonite School

Experience

Software Development Intern at   Smartly by Pedago, LLC

June 2016 - Present (4 months)

- Helped maintain and implement new features for Smartly, a mobile-friendly online learning platform by Pedago.
- Operated in an agile software development environment using the scrum management framework coupled with a continuous integration workflow for a very communicative and efficient working atmosphere.
- Created and published a Node.js module to npm for Smartly called linkedin-pdf-to-json, a JavaScript recursive descent parser Node.js command line tool for storing extracted LinkedIn profile PDF text in JSON format, which can then be printed to the console or written and saved in a file. View the source code at https://github.com/isaacmast/linkedin-pdf-to-json.
- Utilized development tools and programming techniques such as Gulp.js, bower, npm, and test-driven development to help create scalable and maintainable code.
- Gained valuable experience with AngularJS, Ruby on Rails, PostrgreSQL, Cordova, Node.js, Chrome DevTools, Facebook JavaScript SDK & Graph API, AWS, Git, Bitbucket, and Unix.

Software Engineer at   BruCrew

September 2015 - December 2015 (4 months)

- Learned and studied common techniques and best practices of software engineering through a hands-on semester long course project for a local business.
- Applied learned knowledge to create real world applications using the agile software development methodology.
- Developed skills in both front-end and back-end development.
- Gained valuable experience with PHP, Twitter Bootstrap, HTML, CSS, MVC, UI, UX, Git, and GitHub.

Software Development Intern at   VistaShare, LLC

May 2015 - June 2015 (2 months)

- Responsible for helping to create and maintain several cloud based software features for the company.
- Attended weekly developer meetings to discuss the implementation status of recent and current projects with other developers.
- Participated in pair programming sessions to learn from experienced software developers and to offer ideas and suggestions when appropriate.
- Gained valuable experience with the Django framework, Python, HTML, JavaScript, PostgreSQL, Git, and the Linux environment.

Community Advisor at   Eastern Mennonite University

August 2013 - April 2014 (9 months)

- Lived in and supervised the living situation of one of the residence halls.
- Planned weekly activities for residence to engage in to help build community among the residents on the hall as well as providing an outlet for students to be a part of the university.
- Represented the university's ideals and morals through daily interactions with residents and guests.

Website Manager at   Lancaster Mennonite Conference

June 2013 - December 2013 (7 months)

- Updated and maintained the Shalom News magazine website, www.shalomnews.net, which is a part of the Lancaster Mennonite Conference.
- Gained valuable experience with HTML, CSS, Adobe Dreamweaver CS6, and Adobe Photoshop CS6.

Yearbook Computer Editor at   Lancaster Mennonite School

August 2011 - June 2012 (11 months)

- Responsible for the creation of the index and sports sections of the school yearbook.
- Worked in correspondence with the section editor to obtain necessary content for the section pages.
- Gained valuable experience with Adobe InDesign and Adobe Photoshop.

Projects

linkedin-pdf-to-json

August 2016 to Present

Members:Isaac Mast

linkedin-pdf-to-json is a JavaScript recursive descent parser Node.js command line tool for storing extracted text from LinkedIn profile PDFs in JSON format that can be either printed to the console or written and saved in a JSON file.

GitHub repository: https://github.com/isaacmast/linkedin-pdf-to-json

npm webpage: https://www.npmjs.com/package/linkedin-pdf-to-json

The BruCrew Project Database

September 2015 to December 2015

Members:Isaac Mast

The BruCrew Project Database is a central hub for BruCrew employees to log their work hours and any details about the tasks that they worked on during those hours.

GitHub repository: https://github.com/brucrew/brucrew

Skills & Expertise

Project Management
Leadership
Java
JavaScript
Python
Git
AngularJS
Node.js
Ruby
Ruby on Rails
npm
Bower
Gulp.js
PostgreSQL
HTML5
CSS3
Apache Cordova
MVC
GitHub
Bitbucket
PHP
MySQL
Apache
Linux Desktop
Unix
Teamwork
Community Outreach
Team Leadership

Nonprofits
Leadership Development
Event Management
Dreamweaver
Photoshop
Social Networking
Public Speaking

Courses

Bachelor of Science (B.S.), Computer Science

Eastern Mennonite University

Software Engineering	370
Programming Languages	420
Analysis of Algorithms	340
System Administration	350
Networking and Data Communications	230
Computer Science Internship	499
Android App Development	333
Architecture and Operating Systems	250
Data Structures	320

Honors and Awards

PIAA Class AA State Soccer Champion

PIAA

November 2011

   - Had the honor of being on the soccer team for Lancaster Mennonite High School that won the PIAA class
     AA 2011 boys soccer state championship.

Student of the Month

Paradise Rotary Club

May 2010

   - One of six students from schools in the Lancaster county area recognized for academic excellence by the
     Paradise Rotary Club.

Organizations

ACM

September 2015 to Present

Volunteer Experience

Bar at Foo

January 2013 - Present

Baz

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Linked in.

Contact Isaac on LinkedIn