Jacob Small

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WORK EXPERIENCE

Configit, Atlanta, GA   July 2017 to Present
Software Developer
- Enhanced web development skills by working with .NET and Javascript to create custom solutions for automotive and heavy machinery companies using Configit's best-in-class configuration software.
- Developed consultancy proficiency while primarily working with customers to implement complex solutions.
- Gained additional domain knowledge by developing design automation software to automatically create engineering drawings based on configurations with integration into the 3D CAD software SolidWorks.

Textron Systems – Unmanned Systems, Hunt Valley, MD   June 2015 to June 2017
Software Developer
- Lead developer of a mobile app for unmanned aerial vehicles at a Fortune 500 company with over 150 initial users. The app replaces pilot logbooks, tracks pilot flight eligibility to reduce mishaps, and improves reporting capability and security in remote environments.
- Improved management skills by overseeing two interns to help with the development of the app.
- Broadened knowledge by developing PL/SQL programs for an Oracle ERP financial system and crafting MQL/TCL/VB scripts to enhance an Enovia manufacturing execution system.

Bloom Marketing Group, Bloomington, IN   March 2014 to May 2015
Software Developer Intern then Part-Time
- Developed IT workplace knowledge and picked up tech skills while working on a healthcare enterprise iOS app, porting the app to Windows, constructing automated tests for the app, and creating a RESTful web API to help with the automated tests.

EDUCATION

Indiana University, Bloomington, IN, Bachelor of Science earned May 2015
> Major: Informatics with a cognate in Information Technology
> Minors: Computer Science, Security, Information Technology

TECHNICAL SKILLS

Languages, Web Development, Database, and Design Patterns:
- C#, Swift, Java, Python, C, Objective-C, C++, Processing, Ruby, Scheme, Haskell, Visual Basic, VBScript, TCL
- JavaScript, React, ASP.NET, PHP, CGI, HTML, CSS, XML, JSON, REST, Node.js, Sails.js, Bootstrap, Cutestrap
- SQLite, RavenDB, PL/SQL, MySQL, MQL, MongoDB
- MVVM, MVC

Miscellaneous:
- Git, CVS, JIRA, Xamarin, Unity, WPF, .NET, SAP, Oracle ERP, Enovia PLM
- 3D CAD SolidWorks, Arduino, Raspberry Pi, Word Press, Digital Ocean, Word, PowerPoint, Excel, Photoshop

AWARDS

- Mobile app voted "Project of the Year" for 2016 by Textron Systems IT
- Recipient of "Rookie of the Year" for 2016 by Textron Systems IT
- 1st Place at IU's Android App Fair competition against ~90 other student submissions