

Kenneth R. Hwang

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OBJECTIVE

Versatile and detail-oriented full-stack programmer looking to engage in creative projects in an open and collaborative atmosphere. 5 years of experience developing computing solutions, designing applications, and end user consultation. Learns quickly through desire for challenge, interest in innovation, exploring different techniques, and persistence to improving workflow.

EDUCATION

The Pennsylvania State University – University Park, PA

GPA: 4.00, Certification, Computer Science and Information Technology

2013-2014

GPA: 3.83, M.S. Psychology, Neuroscience

2010-2013

Case Western Reserve University – Cleveland, OH

GPA: 3.45, B.A. Biology, Psychology; Minor: Mathematics

2006-2010

SKILLS

- Technical Languages: C#, VB, Javascript, Java, Python, C++, Matlab
- Database/DAL: MSSQL, MongoDB, ORM (Dapper, Entity Framework, Mongoose)
- Platforms/Architectures: ASP .NET (MVC, Web API, Web Forms), ExpressJS, NodeJS, IIS, Linux, Mac OSX, Windows
- Front-End Development: HTML5, CSS3, jQuery, Bootstrap, AngularJS, ReactJS, bundling/minification
- Development Techniques: Agile, continuous integration, ER models, version control, responsive design, TDD
- Programming Knowledge: OOP, AJAX, JSON, LINQ, SignalR, regex, design patterns, DI/IOC, multithreading, pointers
- DevOps: Git, automated deployment, NuGet, NPM, NUnit

WORK EXPERIENCE

Anexinet – Blue Bell, PA

Consultant

May 2016-Current

College of the Liberal Arts – University Park, PA

Programmer/Analyst

August 2014-April 2016

- Small team creating and maintaining informational systems for college-wide workflows, reporting, and intranet
- Addressing client needs through iterative requirements gathering meetings and demonstrations
- Individual and collaborative full stack .NET application development using ASP.NET frameworks
- Mentor and advisor for programming problems, technical design, developer tools, and best practices
- Used efficient development practices, such as continuous integration, version control, package management, collaborative tools

Social, Life, and Engineering Sciences Imaging Center (SLEIC) – University Park, PA

Research Associate

June 2012-August 2014

- Small team assisting research initiatives at the magnetic resonance imaging (MRI) facility
- Media presentation, I/O, and data processing for research paradigms (Java, Matlab, Visual Basic)
- UI development (Java, VB), statistics (Matlab, R, SPSS), and automation (Perl, shell scripting) for data analysis
- Reporting facility-use activity data (Google API) and data automation (Python) for MRI facility decision and operational tasks

SIDE PROJECTS

- Tournament bracket generation program: <https://github.com/kennyhwang/BrackEm>
 - Basic RSA encryption example: <https://github.com/kennyhwang/RSA>
 - Personal website (Javascript stack): <https://github.com/kennyhwang/my-site>
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