UW-STOUT
VISIONHACK TEAM

YUAN Holly (mentor) is an Associate Professor and Program Director of Computer Networking and Information Technology at the University of Wisconsin-Stout, where she uses real-world experiences to present complex computer and security technologies. Holly holds many IT industry certifications, including Certified Information Security Manager (CISM), Certified Ethical Hacker (CEH), Cisco Certified Internetwork Expert Routing & Switching (CCIE-R&S), Cisco Certified Security Professional (CCSP), CCNA-Voice, VMware-Data Center Virtualization, and Linux+. Holly is certified to teach ethical hacking courses by EC Council and Cisco academy courses by Cisco. Holly holds a M.S. degree from Georgia State University with a major in Computer Science and a Ph.D. degree from Nova Southeastern University with a major in Computer Information System. Holly has many years of work experience as a network engineer and consultant. She has published numerous papers, journal articles, book chapters, a book in the field of networking and security, has presented at national and international conferences, and received several research grants from the National Science Foundation (NSF) and the NASA Space Grant Consortium. She is also a speaker at the National Computer Application Security Conference. Holly currently is a member of ACM, IEEE, AITP, and ISACA.

CLARKE Margaret Elizabeth is a senior at the University of Wisconsin-Stout studying Game Design and Development-Art with minors in Computer Science and English Literature. She grew up in Sheboygan, Wisconsin, near Lake Michigan, and can't imagine living away from the water. She has a passion for UI/UX Design, and has completed a UX internship at Marshfield Clinic Information Services in the summer of 2016. Recently, she was a student ambassador for the annual cooperative Train Jam event from Chicago to California, where she subsequently attended the annual Game Developers Conference in San Francisco and became active in the Games User Research special interest group. In her free time, she enjoys portrait painting, 3D modeling, and writing science fiction. This past summer, she worked in Madison, Wisconsin as a web design intern, and is expecting to graduate summa cum laude from UW-Stout in the spring. Following graduation, she plans to travel to visit friends and family in Europe, and then seek work in the game industry either as a UX/UI designer or as a digital artist.

RICHARDS Nicholas Michael is from Eau Claire, Wisconsin. He is majoring in Manufacturing Engineering and will be starting his senior year at the University of Wisconsin-Stout. This spring, Nick was awarded Co-Op of the year for his work as a Process Engineer Intern at Loparex, a silicone coating company in Hammond, Wisconsin. He was also awarded the 2017-2018 Myrtle & Earl Walker scholarship through the Society of Manufacturing Engineers Education Foundation. Through the UW-Stout Scholarship Foundation, Nick was bestowed the American Foundry

Society Scholarship and the Frank Cervanka scholarship for the 2017-2018 academic year. His job experience includes his internship at Loparex in the summer of 2016 and an internship at W.S. Darley, a water pump and apparatus manufacturer in the summer of 2017. He enjoys solid modeling through SolidWorks, as well as welding and machining in his spare time. Nick also likes to bike, run, play basketball and volleyball.

VETTER Aspen Kincaid, from Minneapolis, Minnesota, is going into his senior year studying Industrial Design at the University of Wisconsin-Stout. Aspen has a passion for developing all kinds of products utilizing past experiences and rapid visualization techniques with pen and paper, digital design and physical modeling. He has a job on campus prototyping with FDM 3D printers alongside design and engineering students and also tutors industrial design students on design-based software. He hopes to work in automotive, sporting or device design. Aspen enjoys being active and has helped reinvigorate his university's cycling club by racing and volunteering, clinching the 2016 North Central College Team Championship while serving as Vice President. Aspen likes to fill his free time developing his side company, riding BMX bikes, playing baseball and working on motorcycles all with a camera in tow when not working on design projects.

MUELLER Mitchell Ryan is currently a junior at the University of Wisconsin-Stout and is majoring in Computer Networking and Information Technology with a minor in Project Management. He grew up in Green Bay, Wisconsin and is an avid Green Bay Packers fan. He enjoys working with his hands whether it be woodworking, tinkering with electronics and networking equipment, or doing the occasional odd-job. He also enjoys playing lacrosse, cross country skiing, hiking, and camping. He currently has an internship with the Wisconsin Department of Natural Resources as a Regional Information Management Specialist. Additionally, Mitchell is starting his second year as the event coordinator of UW-Stout's chapter of the Association of Information Technology Professionals.

THOM Scott Douglas from Muskego, Wisconsin is a senior studying Game Design and Development-Computer Science at the University of Wisconsin-Stout. Scott has developed for Windows, GNU+Linux, VXWorks, AVR, and ARMCortex platforms, using mostly C/C++, but also has an extensive Minecraft mod that tallies over 75,000 lines of Java code. He has also worked in lua, python, c#, ASMx86, and javascript. Scott has been developing a web app for fab lab use which consists of both a node.js backend, and a hardware oriented C application which uses curl to communicate with the nodejs server. The C application runs an LCD over I2C and a relay with an electrical signal to cut off access to a machine. Scott is also a maker who has worked with anything from raw chips and MCUs, to arduino dev boards. He also enjoys the prospect of GPGPU / shader programming and has extensive computer graphics experience, such as OpenGL, OpenCL, GLSL, and MIT's halide. Scott also loves music and music creation, and hopes to purchase a Russian instrument, such as the balalaika, while he is in Moscow.